

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
 Data File : BG052382.D
 Acq On : 14 Feb 2022 14:05
 Operator : CG/JU
 Sample : M4068-03
 Misc : MDL-MDL-SOIL 8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Quant Time: Feb 14 14:38:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 14 14:37:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	22439	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	90259	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	67132	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	167807	20.000	ng	0.00
76) Chrysene-d12	21.936	240	180585	20.000	ng	0.00
86) Perylene-d12	25.402	264	183961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	205144	159.338	ng	0.00
7) Phenol-d6	7.374	99	302438	152.246	ng	0.00
23) Nitrobenzene-d5	9.394	82	185262	89.207	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	162248	168.227	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	443151	91.726	ng	0.00
79) Terphenyl-d14	20.215	244	921233	90.083	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.585	88	4820	8.130	ng	88
3) Pyridine	4.002	79	12367	7.193	ng	92
4) n-Nitrosodimethylamine	3.902	42	7056	7.948	ng	# 86
6) Aniline	7.538	93	19922	8.632	ng	91
8) 2-Chlorophenol	7.785	128	10733	7.578	ng	90
9) Benzaldehyde	7.344	77	12904	10.582	ng	96
10) Phenol	7.397	94	15310	7.757	ng	94
11) bis(2-Chloroethyl)ether	7.626	93	11863	7.863	ng	96
12) 1,3-Dichlorobenzene	8.114	146	13235	8.202	ng	93
13) 1,4-Dichlorobenzene	8.261	146	13334	8.105	ng	99
14) 1,2-Dichlorobenzene	8.584	146	12502	7.706	ng	92
15) Benzyl Alcohol	8.460	79	11470	6.957	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.754	45	16679	7.656	ng	97
17) 2-Methylphenol	8.660	107	9985	7.666	ng	83
18) Hexachloroethane	9.330	117	4882	8.535	ng	91
19) n-Nitroso-di-n-propyla...	9.024	70	11440	7.639	ng	96
20) 3+4-Methylphenols	8.995	107	13634	7.317	ng	92
22) Acetophenone	9.048	105	19958	8.366	ng	# 94
24) Nitrobenzene	9.441	77	16425	8.338	ng	94
25) Isophorone	9.964	82	31025	8.780	ng	96
26) 2-Nitrophenol	10.164	139	6605	7.910	ng	98
27) 2,4-Dimethylphenol	10.217	122	11334	9.168	ng	94
28) bis(2-Chloroethoxy)met...	10.440	93	16136	8.046	ng	# 97
29) 2,4-Dichlorophenol	10.704	162	11343	7.655	ng	98
30) 1,2,4-Trichlorobenzene	10.922	180	14747	8.523	ng	97
31) Naphthalene	11.116	128	40090	8.472	ng	# 94
32) Benzoic acid	10.328	122	2797	3.852	ng	# 63
33) 4-Chloroaniline	11.210	127	16357	8.280	ng	97
34) Hexachlorobutadiene	11.403	225	9661	8.267	ng	95
35) Caprolactam	11.956	113	4318	7.996	ng	# 84
36) 4-Chloro-3-methylphenol	12.326	107	13161	7.807	ng	95
37) 2-Methylnaphthalene	12.708	142	29170	8.300	ng	94
38) 1-Methylnaphthalene	12.925	142	29055	8.532	ng	96
40) 1,2,4,5-Tetrachloroben...	13.072	216	18581	8.415	ng	98
41) Hexachlorocyclopentadiene	13.060	237	4968	5.329	ng	88
43) 2,4,6-Trichlorophenol	13.313	196	10561	7.313	ng	89

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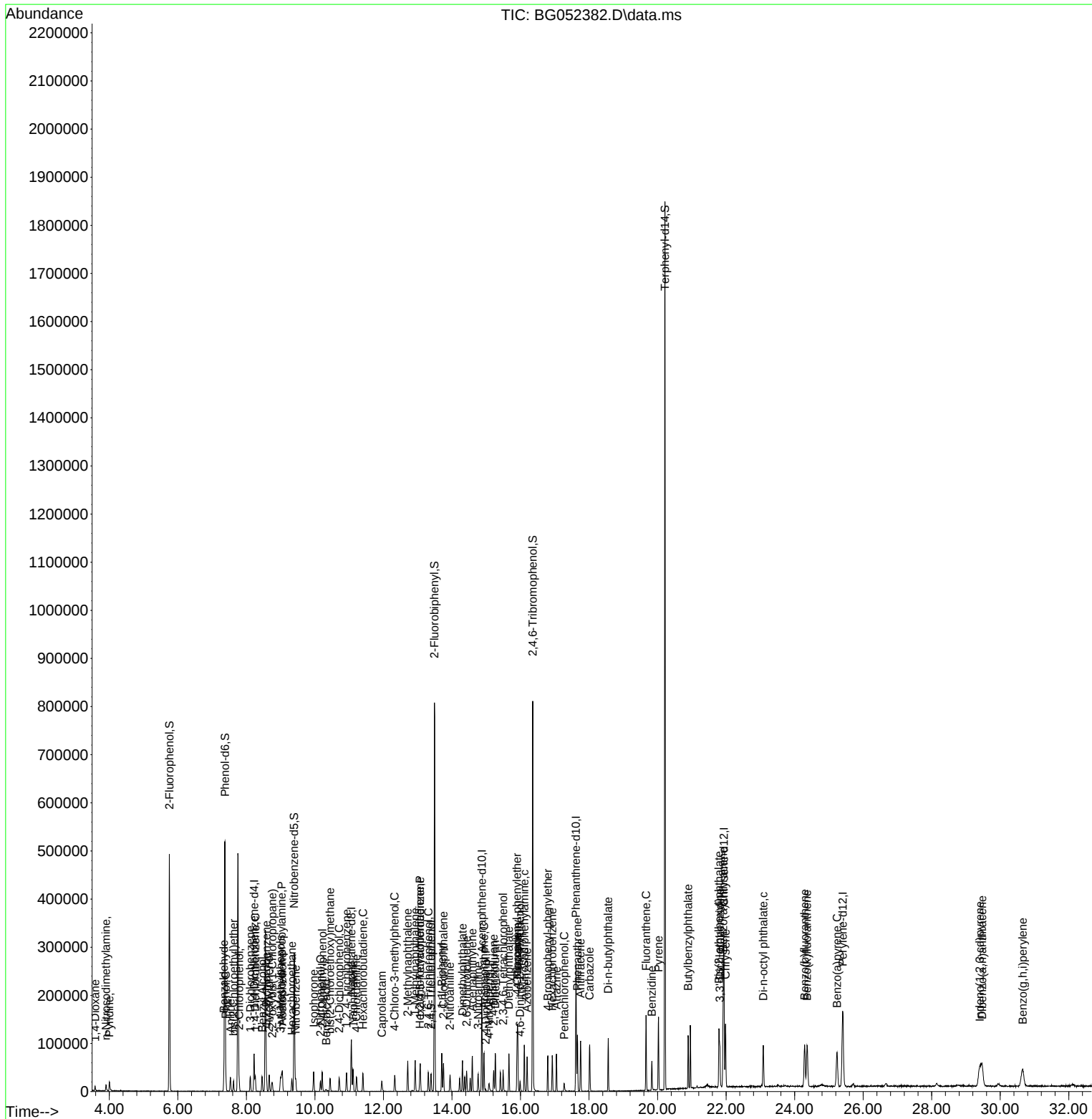
Quant Time: Feb 14 14:38:29 2022
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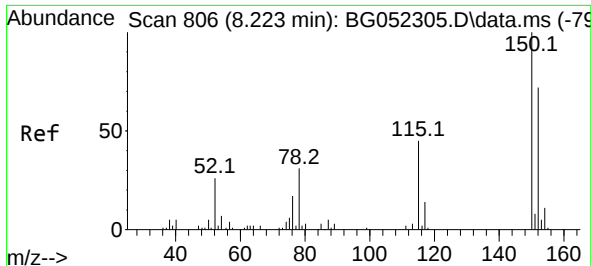
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	12007	7.672	ng	95
46) 1,1'-Biphenyl	13.700	154	41154	8.360	ng	94
47) 2-Chloronaphthalene	13.753	162	31600	8.332	ng	98
48) 2-Nitroaniline	13.941	65	10226	7.574	ng	99
49) Acenaphthylene	14.593	152	54369	8.807	ng	99
50) Dimethylphthalate	14.305	163	41887	8.145	ng	# 95
51) 2,6-Dinitrotoluene	14.429	165	9007	8.116	ng	# 82
52) Acenaphthene	14.934	154	30337	7.503	ng	94
53) 3-Nitroaniline	14.764	138	8854	7.676	ng	97
54) 2,4-Dinitrophenol	14.981	184	1539	2.558	ng	# 72
55) Dibenzofuran	15.263	168	53104	8.352	ng	96
56) 4-Nitrophenol	15.081	139	5915	6.828	ng	# 81
57) 2,4-Dinitrotoluene	15.216	165	13345	8.449	ng	# 90
58) Fluorene	15.915	166	44336	8.734	ng	# 97
59) 2,3,4,6-Tetrachlorophenol	15.492	232	10808	7.229	ng	98
60) Diethylphthalate	15.662	149	44231	8.514	ng	98
61) 4-Chlorophenyl-phenyle...	15.897	204	23456	8.112	ng	97
62) 4-Nitroaniline	15.921	138	10311	8.491	ng	# 78
63) Azobenzene	16.191	77	43122	8.108	ng	93
65) 4,6-Dinitro-2-methylph...	15.986	198	5738	5.684	ng	93
66) n-Nitrosodiphenylamine	16.109	169	37955	8.209	ng	97
67) 4-Bromophenyl-phenylether	16.796	248	16470	8.071	ng	88
68) Hexachlorobenzene	16.925	284	17994	8.130	ng	# 91
69) Atrazine	17.049	200	15837	8.472	ng	96
70) Pentachlorophenol	17.278	266	5033	4.648	ng	# 80
71) Phenanthrene	17.660	178	75197	8.693	ng	96
72) Anthracene	17.748	178	73613	8.684	ng	96
73) Carbazole	18.018	167	67024	8.107	ng	98
74) Di-n-butylphthalate	18.558	149	75955	8.432	ng	99
75) Fluoranthene	19.663	202	96700	8.779	ng	98
77) Benzidine	19.833	184	38128	9.881	ng	97
78) Pyrene	20.027	202	102602	8.491	ng	95
80) Butylbenzylphthalate	20.891	149	32957	7.852	ng	94
81) Benzo(a)anthracene	21.913	228	101359	8.482	ng	98
82) 3,3'-Dichlorobenzidine	21.819	252	35697	8.557	ng	# 97
83) Chrysene	21.983	228	92334	8.154	ng	98
84) Bis(2-ethylhexyl)phtha...	21.789	149	47333	8.133	ng	96
85) Di-n-octyl phthalate	23.082	149	78861	8.082	ng	96
87) Indeno(1,2,3-cd)pyrene	29.403	276	105438	7.832	ng	# 75
88) Benzo(b)fluoranthene	24.292	252	97487	8.504	ng	99
89) Benzo(k)fluoranthene	24.362	252	95992	8.476	ng	97
90) Benzo(a)pyrene	25.238	252	93902	9.697	ng	97
91) Dibenzo(a,h)anthracene	29.473	278	91918	8.266	ng	95
92) Benzo(g,h,i)perylene	30.660	276	89842	8.232	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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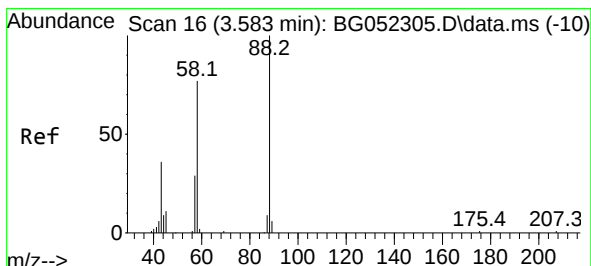
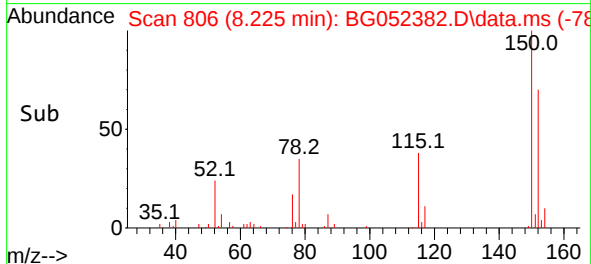
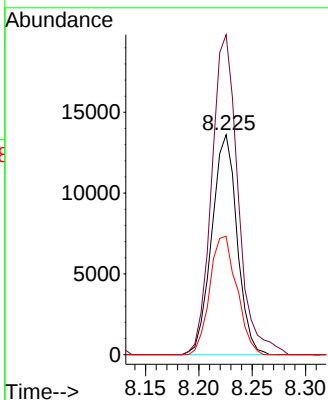
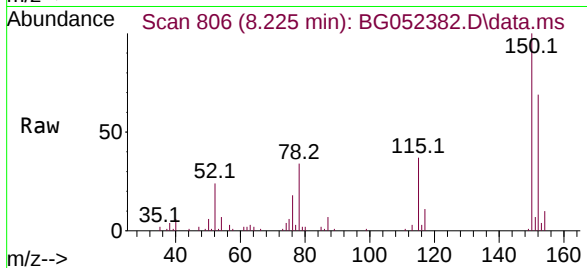




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

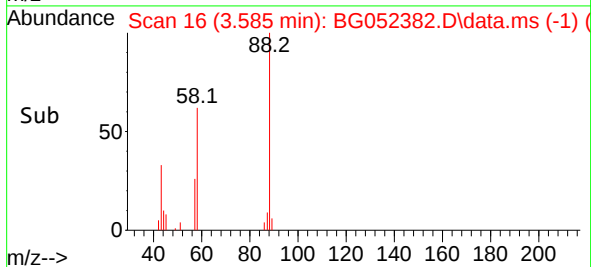
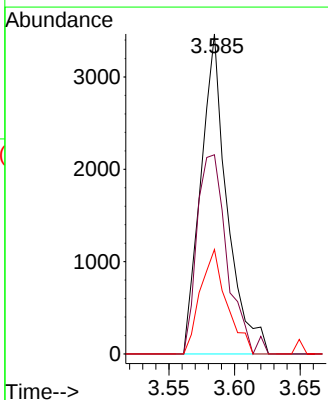
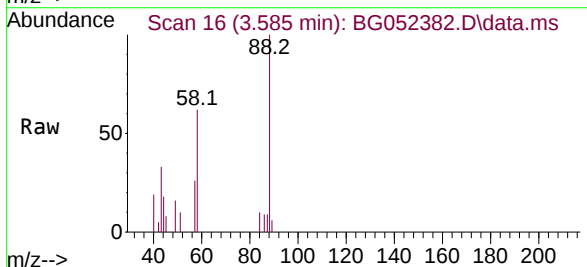
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:152 Resp: 22439
Ion Ratio Lower Upper
152 100
150 145.5 117.8 176.8
115 53.8 50.2 75.2



#2
1,4-Dioxane
Concen: 8.130 ng
RT: 3.585 min Scan# 16
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 88 Resp: 4820
Ion Ratio Lower Upper
88 100
58 71.5 65.8 98.8
43 33.0 31.6 47.4





#3

Pyridine

Concen: 7.193 ng

RT: 4.002 min Scan# 81

Delta R.T. 0.008 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2021

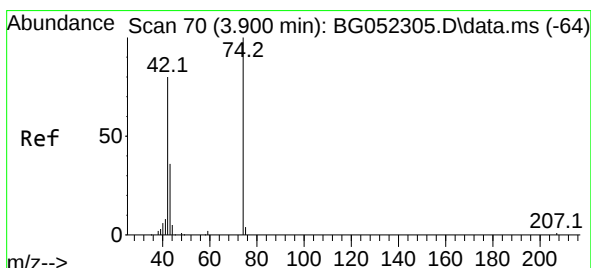
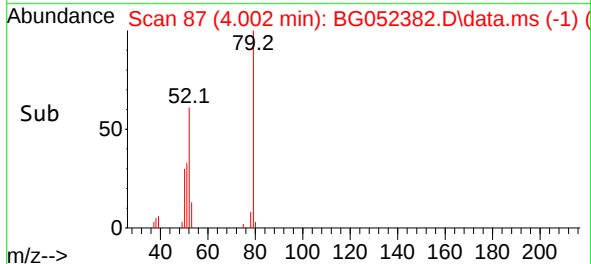
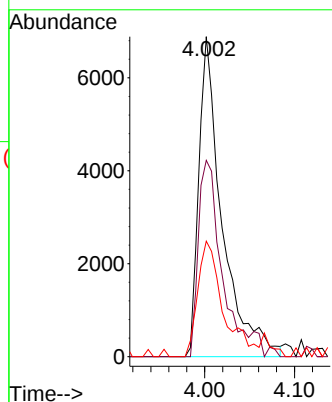
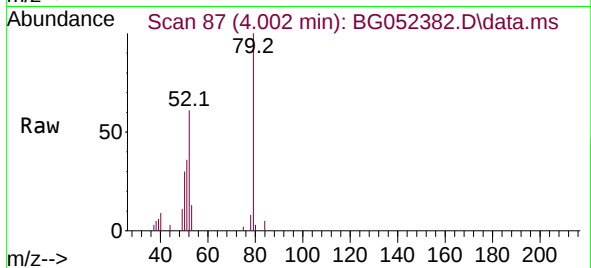
Tgt Ion: 79 Resp: 12367

Ion Ratio Lower Upper

79 100

52 61.4 55.0 82.6

51 36.1 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 7.948 ng

RT: 3.902 min Scan# 70

Delta R.T. 0.002 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

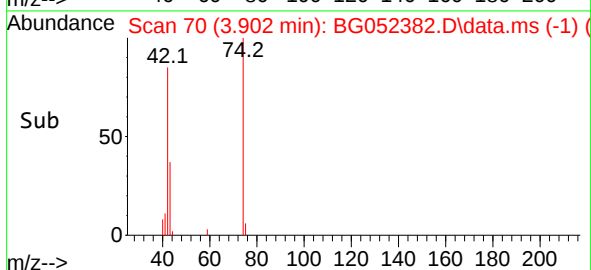
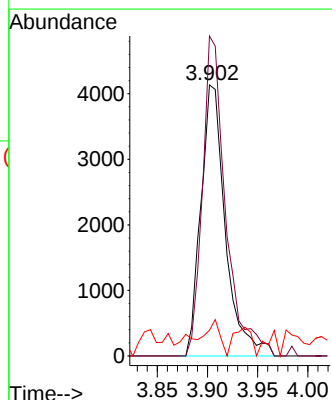
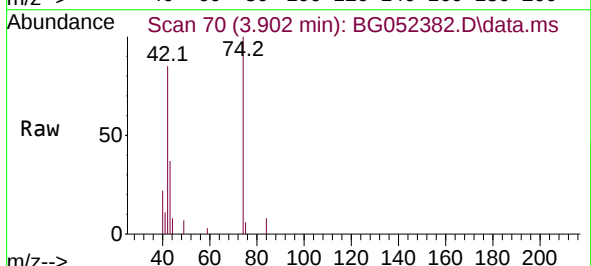
Tgt Ion: 42 Resp: 7056

Ion Ratio Lower Upper

42 100

74 118.0 83.0 124.4

44 9.5 5.0 7.6#

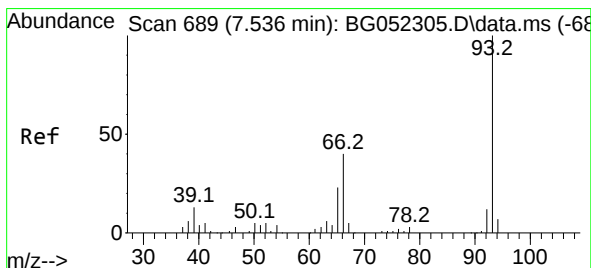
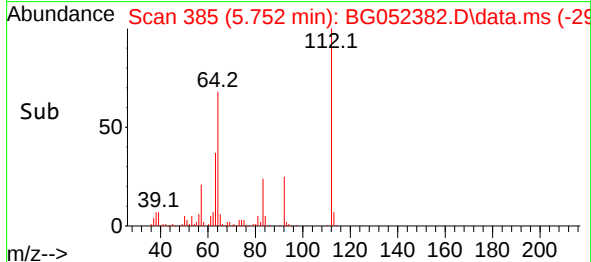
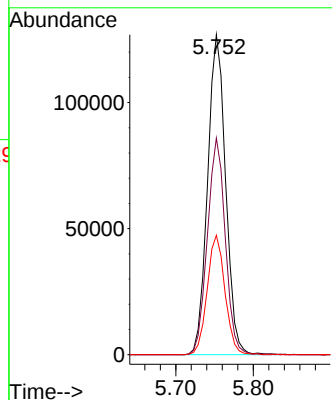
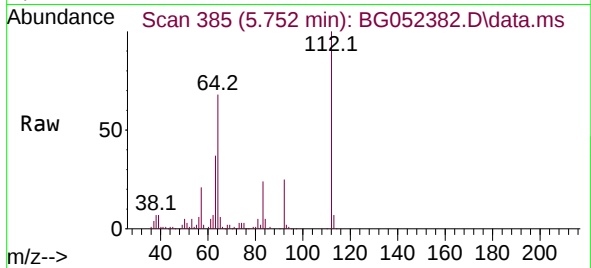




#5
2-Fluorophenol
Concen: 159.338 ng
RT: 5.752 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

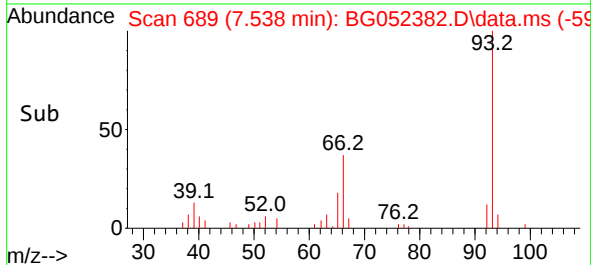
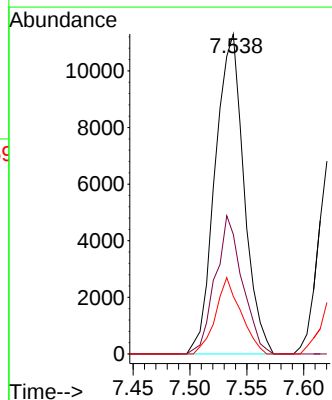
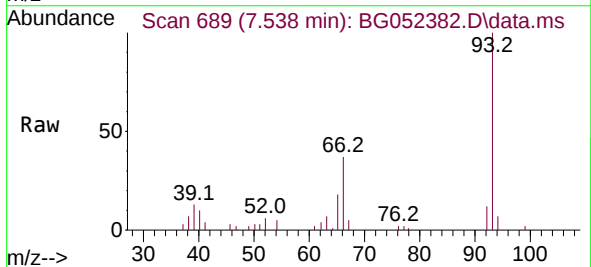
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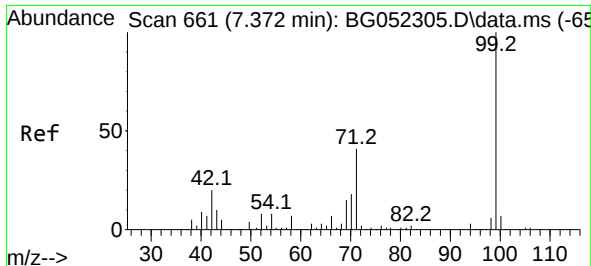
Tgt Ion:112 Resp: 205144
Ion Ratio Lower Upper
112 100
64 67.7 60.4 90.6
63 37.3 33.3 49.9



#6
Aniline
Concen: 8.632 ng
RT: 7.538 min Scan# 689
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 93 Resp: 19922
Ion Ratio Lower Upper
93 100
66 37.4 34.3 51.5
65 18.0 17.6 26.4

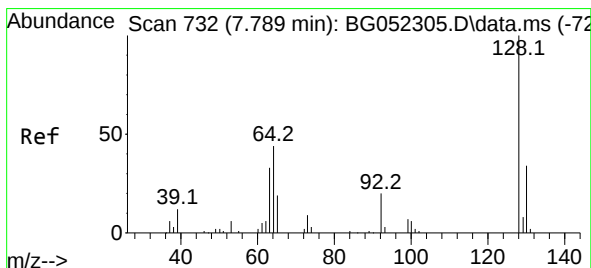
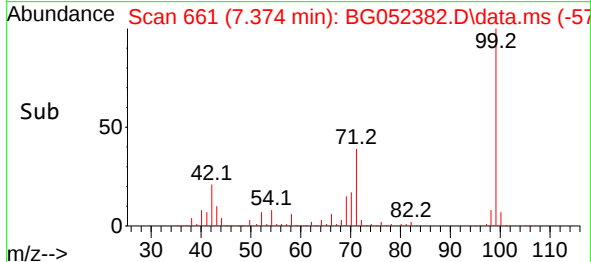
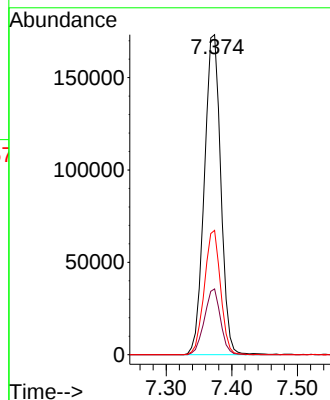
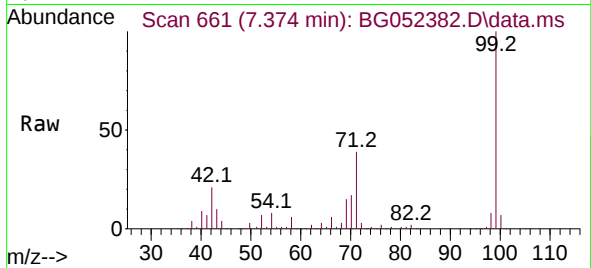




#7
Phenol-d6
Concen: 152.246 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

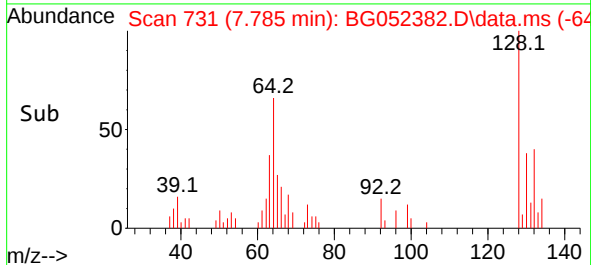
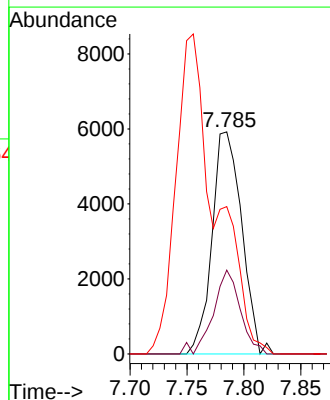
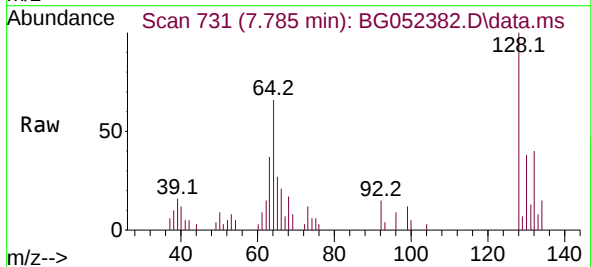
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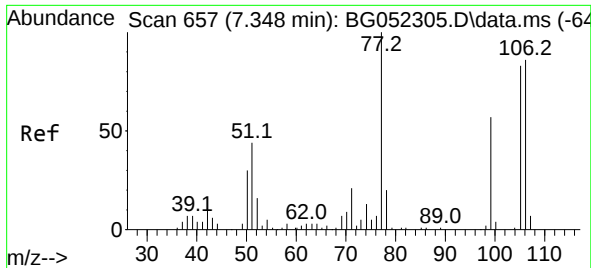
Tgt Ion: 99 Resp: 302438
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 38.9 33.4 50.2



#8
2-Chlorophenol
Concen: 7.578 ng
RT: 7.785 min Scan# 731
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:128 Resp: 10733
Ion Ratio Lower Upper
128 100
130 37.7 13.6 53.6
64 66.3 37.8 77.8

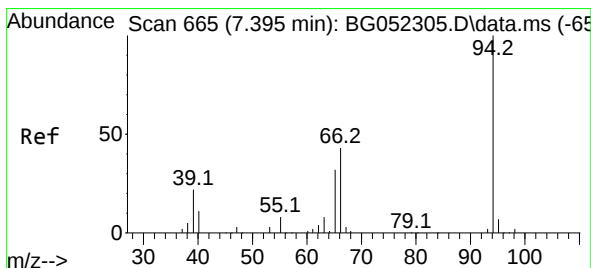
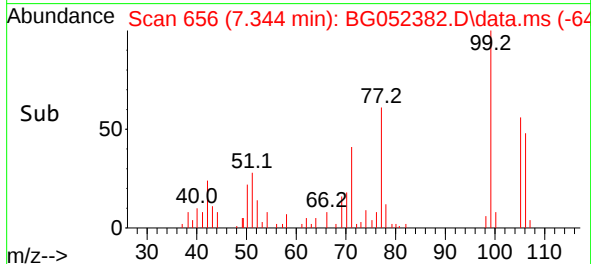
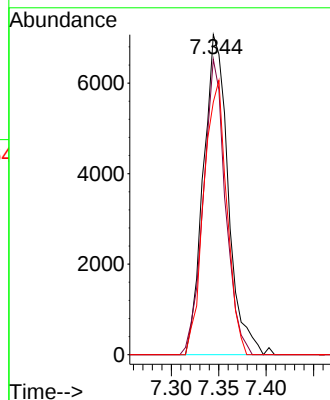
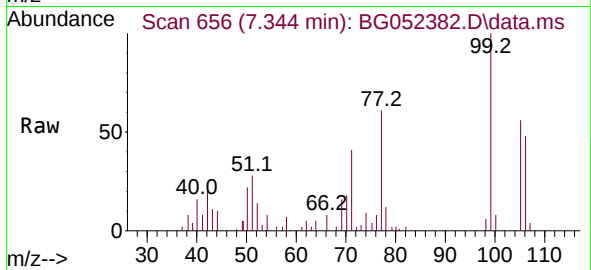




#9
Benzaldehyde
Concen: 10.582 ng
RT: 7.344 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

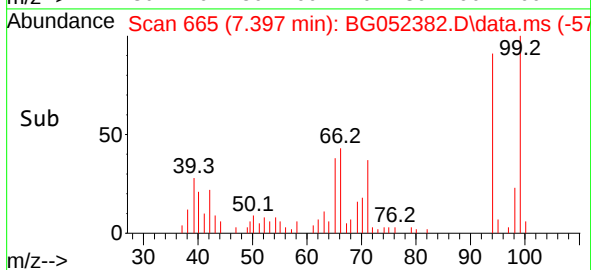
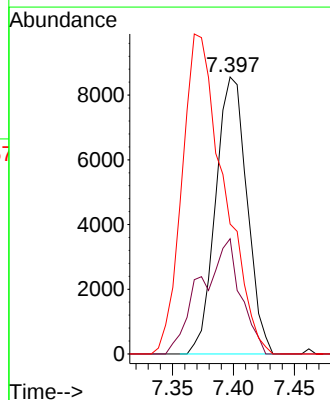
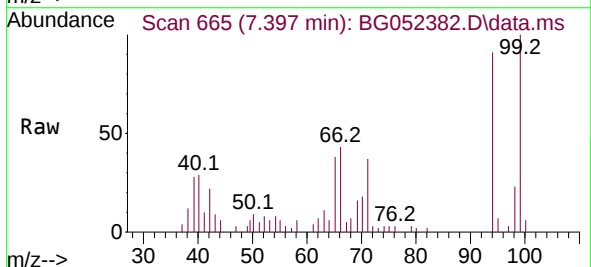
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ClientSampleId :
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Tgt Ion: 77 Resp: 12904
Ion Ratio Lower Upper
77 100
105 92.3 66.1 106.1
106 78.9 58.1 98.1



#10
Phenol
Concen: 7.757 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 94 Resp: 15310
Ion Ratio Lower Upper
94 100
65 41.6 14.1 54.1
66 46.9 26.6 66.6

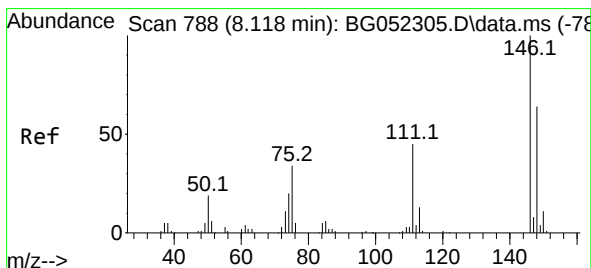
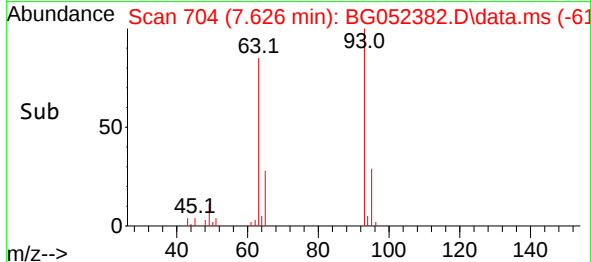
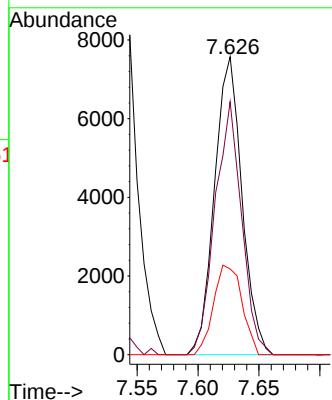
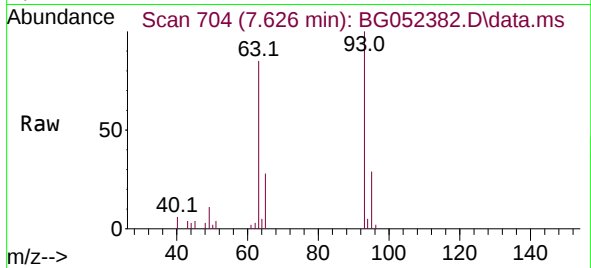




#11
bis(2-Chloroethyl)ether
Concen: 7.863 ng
RT: 7.626 min Scan# 704
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

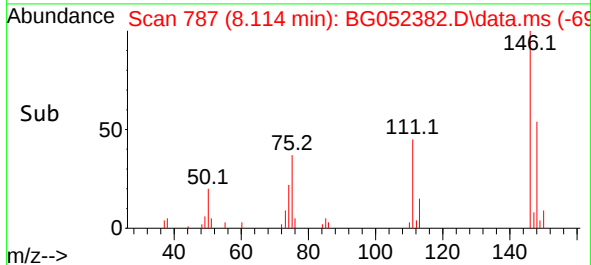
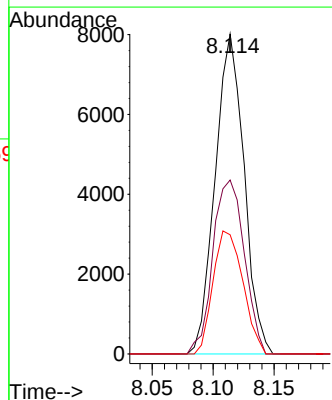
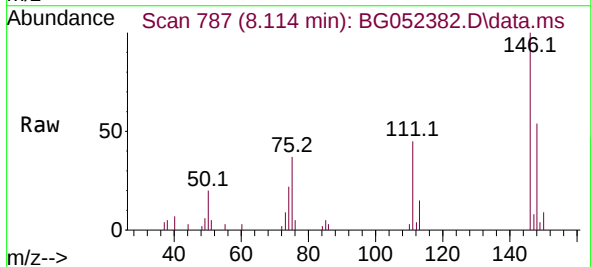
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

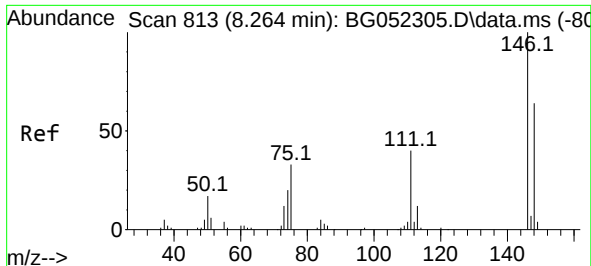
Tgt Ion: 93 Resp: 11863
Ion Ratio Lower Upper
93 100
63 84.9 67.1 107.1
95 28.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 8.202 ng
RT: 8.114 min Scan# 787
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:146 Resp: 13235
Ion Ratio Lower Upper
146 100
148 54.4 49.1 73.7
75 37.2 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 8.105 ng

RT: 8.261 min Scan# 813

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2021

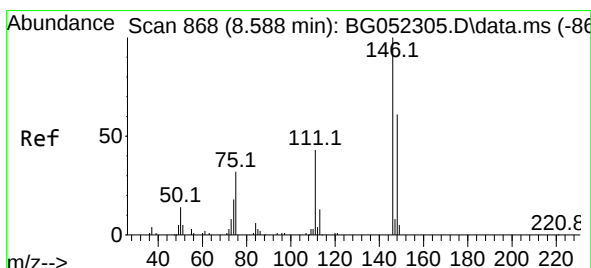
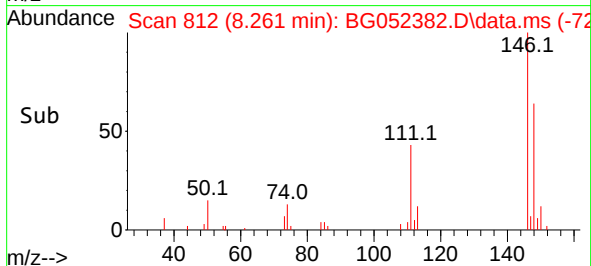
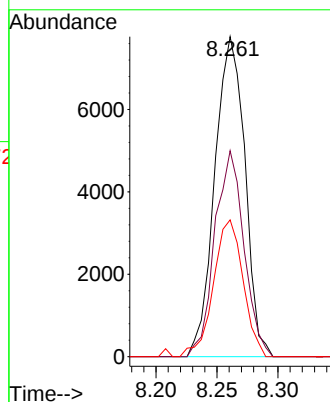
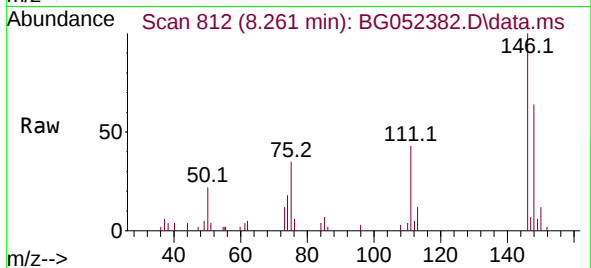
Tgt Ion:146 Resp: 13334

Ion Ratio Lower Upper

146 100

148 64.3 52.6 78.8

111 42.7 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 7.706 ng

RT: 8.584 min Scan# 867

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

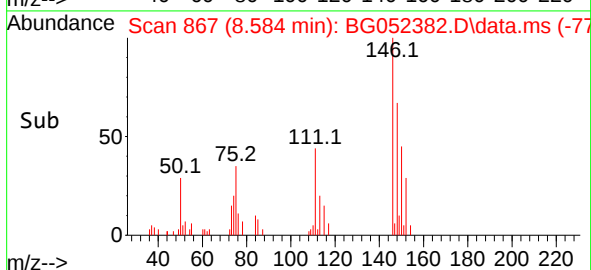
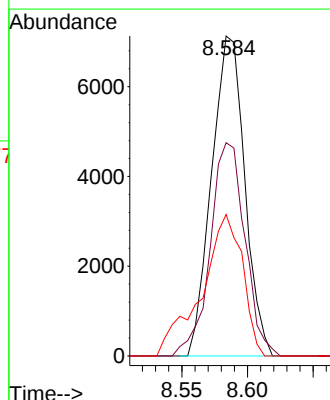
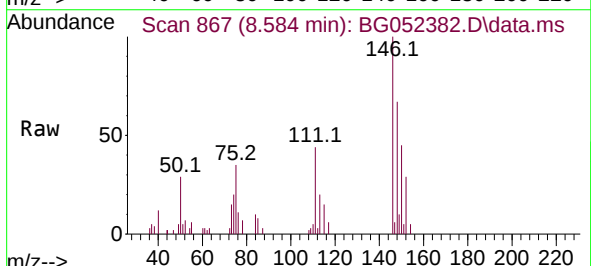
Tgt Ion:146 Resp: 12502

Ion Ratio Lower Upper

146 100

148 66.6 46.5 69.7

111 44.2 37.0 55.4



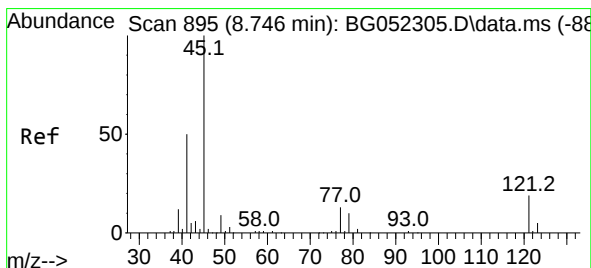
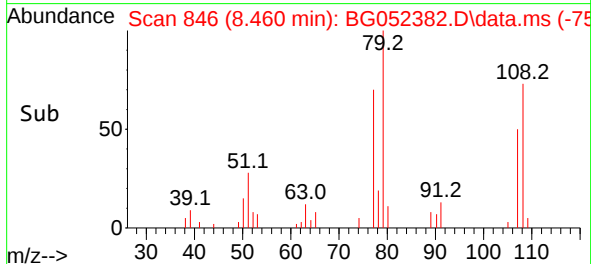
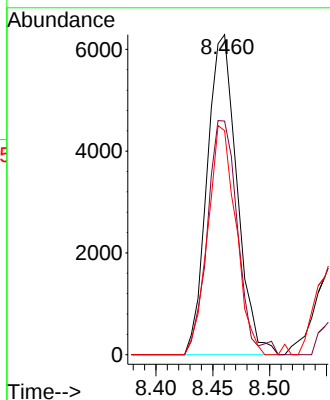
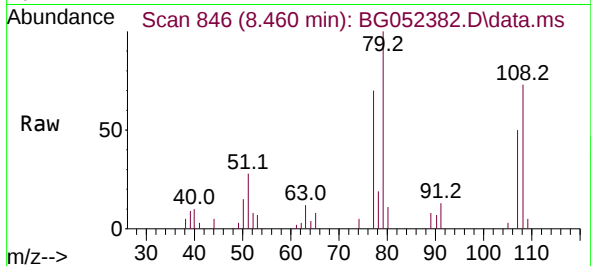


#15
Benzyl Alcohol
Concen: 6.957 ng
RT: 8.460 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion: 79 Resp: 11470

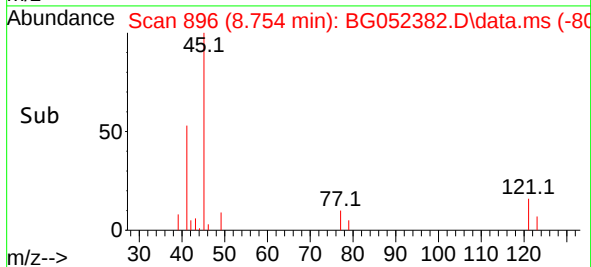
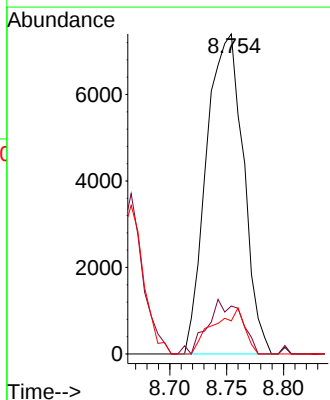
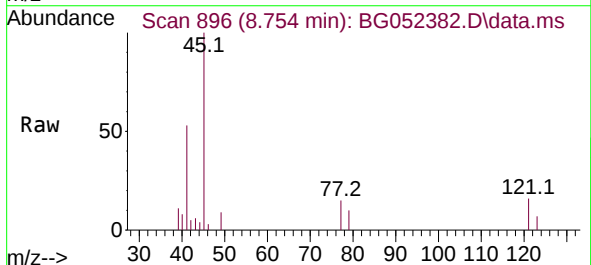
Ion	Ratio	Lower	Upper
79	100		
108	73.0	53.8	80.6
77	70.0	54.4	81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.656 ng
RT: 8.754 min Scan# 896
Delta R.T. 0.008 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 45 Resp: 16679

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	33.8
79	10.4	0.0	31.1

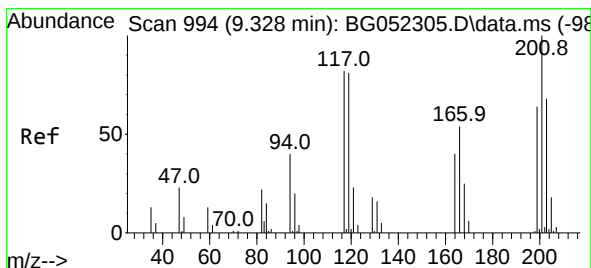
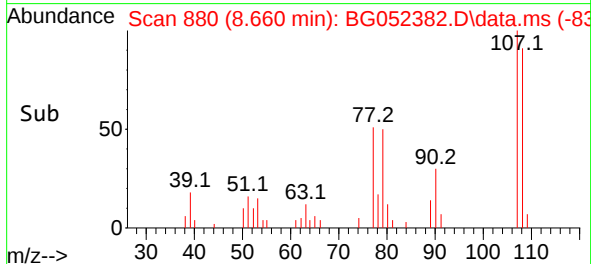
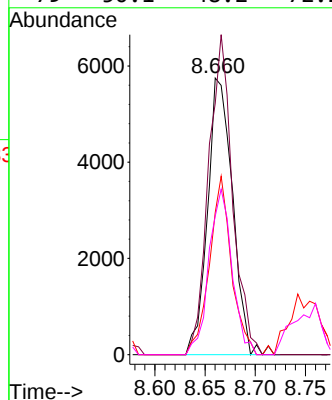
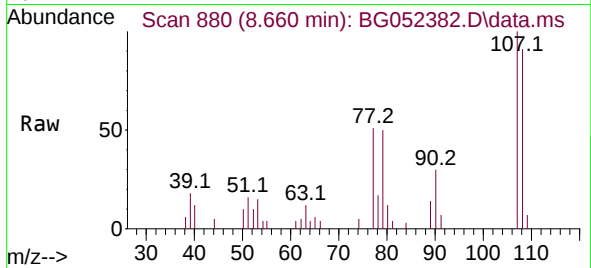




#17
2-Methylphenol
Concen: 7.666 ng
RT: 8.660 min Scan# 881
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

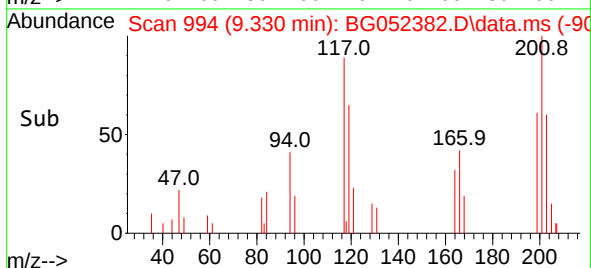
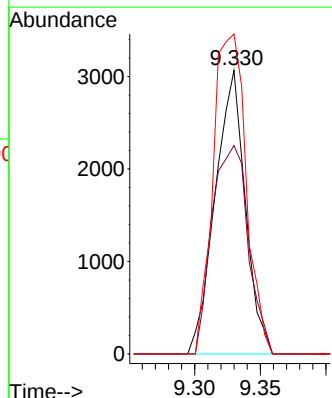
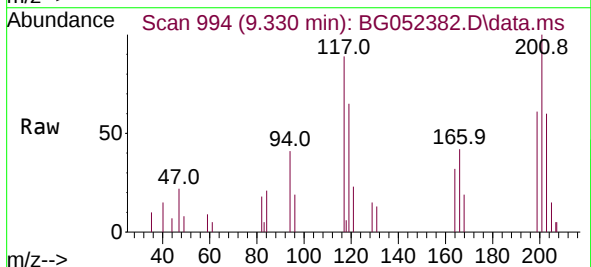
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

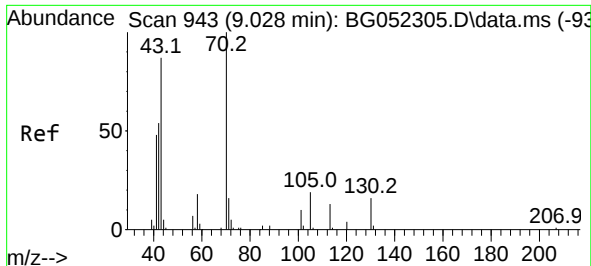
Tgt Ion:	107	Resp:	9985
Ion	Ratio	Lower	Upper
107	100		
108	90.8	90.3	135.5
77	51.4	49.0	73.6
79	50.1	48.2	72.2



#18
Hexachloroethane
Concen: 8.535 ng
RT: 9.330 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:	117	Resp:	4882
Ion	Ratio	Lower	Upper
117	100		
119	73.5	73.5	110.3
201	112.9	91.0	136.6

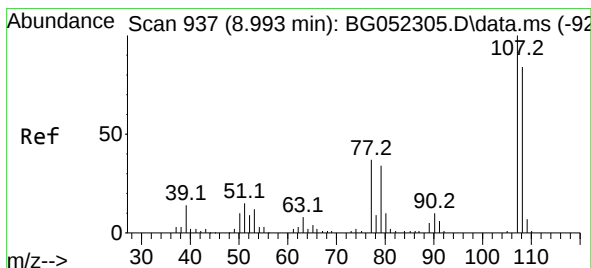
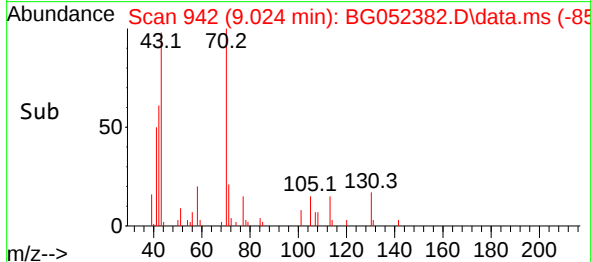
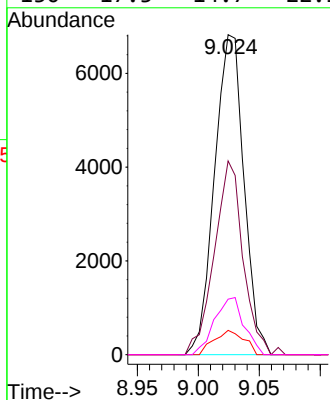
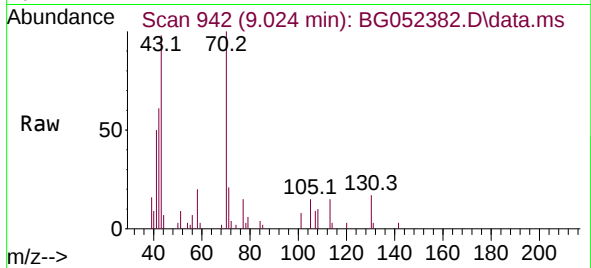




#19
n-Nitroso-di-n-propylamine
Concen: 7.639 ng
RT: 9.024 min Scan# 943
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

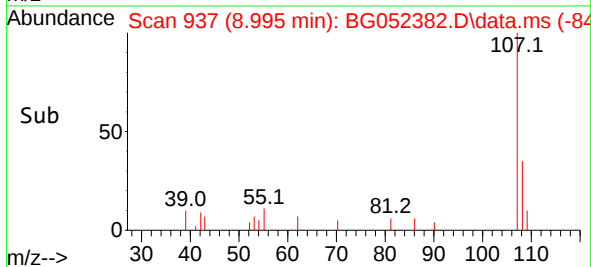
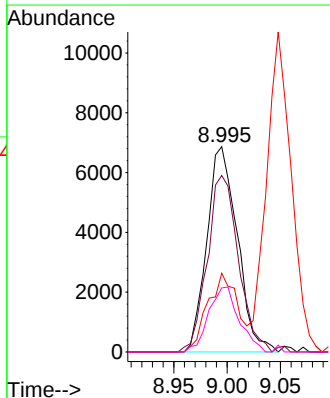
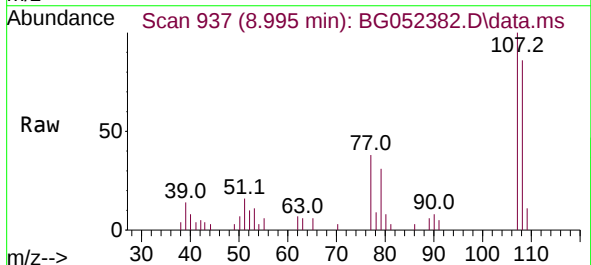
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

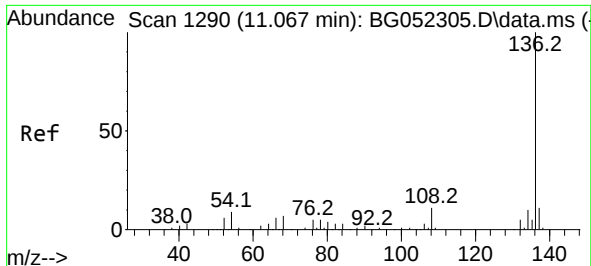
Tgt Ion:	70	Resp:	11440
Ion	Ratio	Lower	Upper
70	100		
42	60.6	51.8	77.6
101	7.6	6.6	10.0
130	17.3	14.7	22.1



#20
3+4-Methylphenols
Concen: 7.317 ng
RT: 8.995 min Scan# 937
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:	107	Resp:	13634
Ion	Ratio	Lower	Upper
107	100		
108	86.0	71.9	111.9
77	38.4	24.6	64.6
79	31.2	18.2	58.2

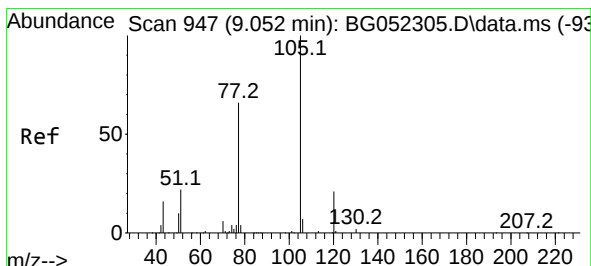
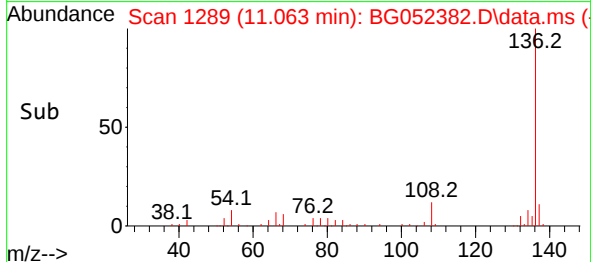
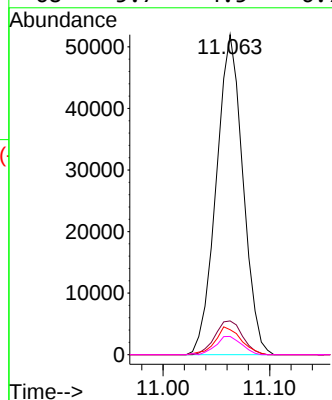
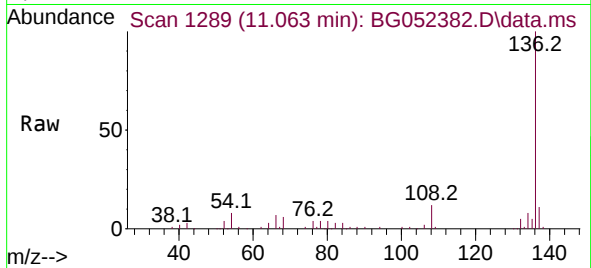




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

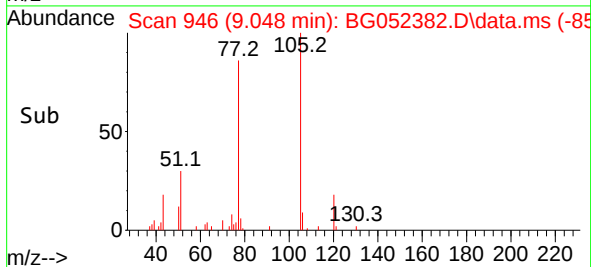
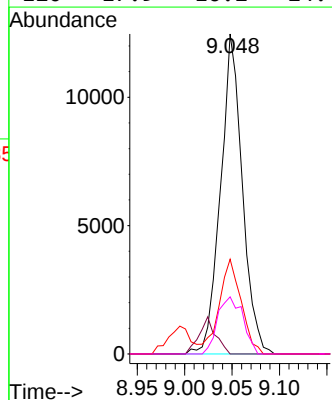
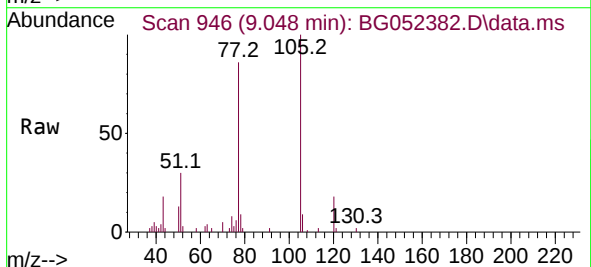
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:	136	Resp:	90259
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	7.8	8.3	12.5#
68	5.7	4.5	6.7



#22
Acetophenone
Concen: 8.366 ng
RT: 9.048 min Scan# 946
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:	105	Resp:	19958
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.8	2.6#
51	29.6	27.0	40.4
120	17.9	16.2	24.4

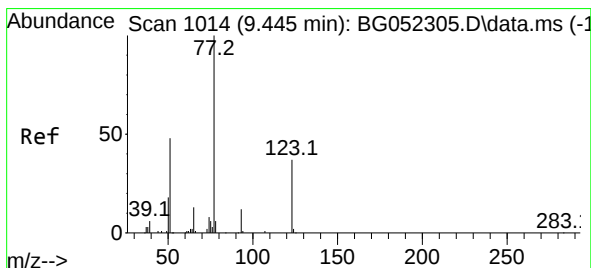
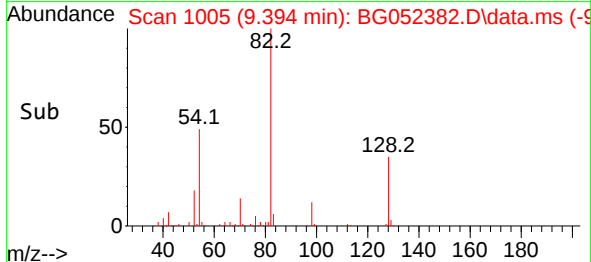
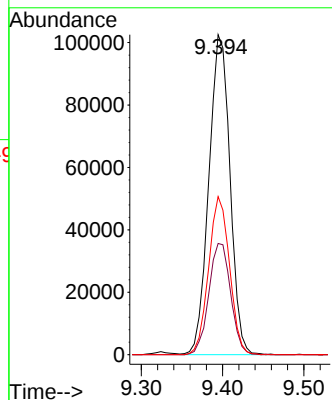
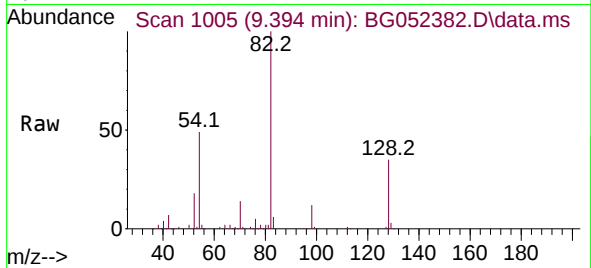




#23
Nitrobenzene-d5
Concen: 89.207 ng
RT: 9.394 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

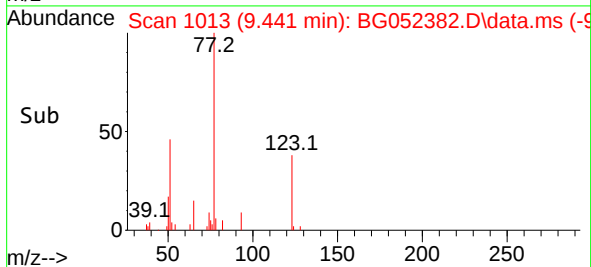
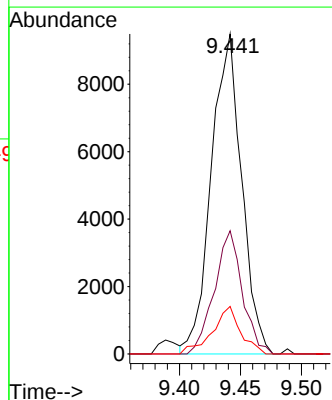
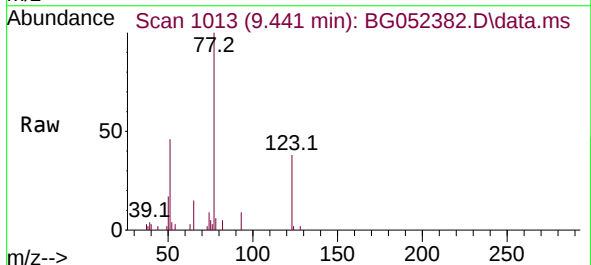
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion: 82 Resp: 185262
Ion Ratio Lower Upper
82 100
128 34.7 27.0 40.4
54 49.4 41.0 61.6



#24
Nitrobenzene
Concen: 8.338 ng
RT: 9.441 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 77 Resp: 16425
Ion Ratio Lower Upper
77 100
123 38.5 27.1 40.7
65 14.8 11.2 16.8

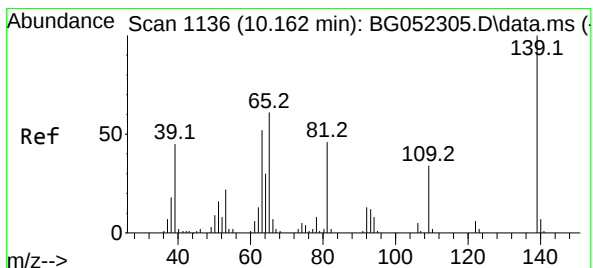
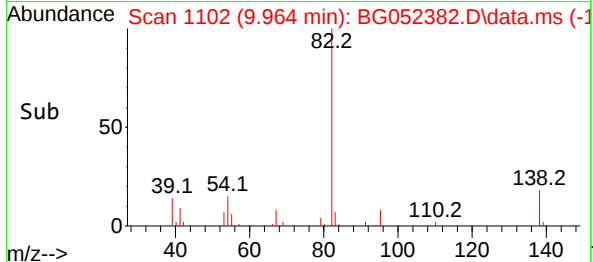
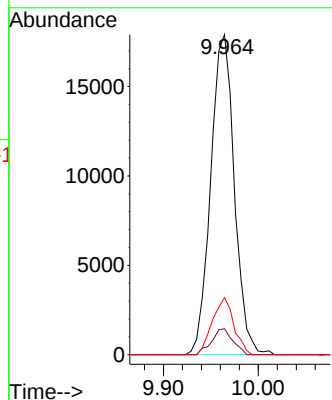
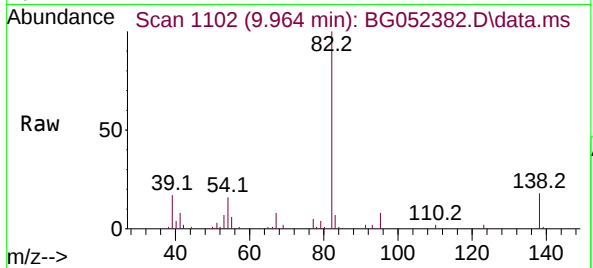




#25
Isophorone
Concen: 8.780 ng
RT: 9.964 min Scan# 1103
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

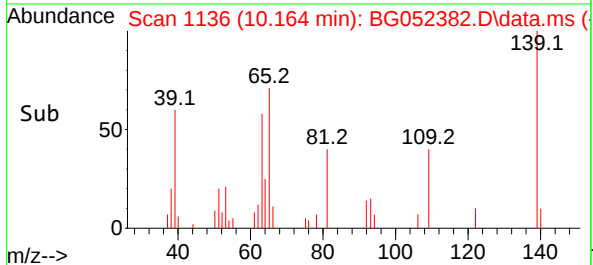
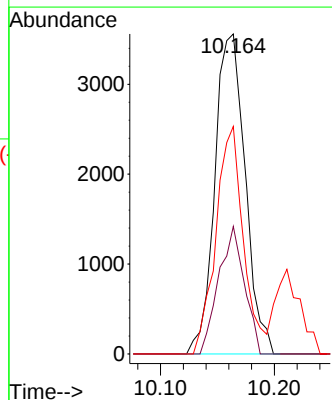
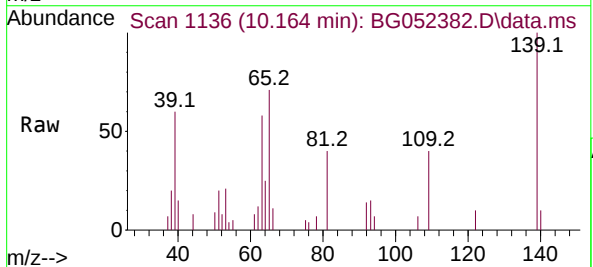
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

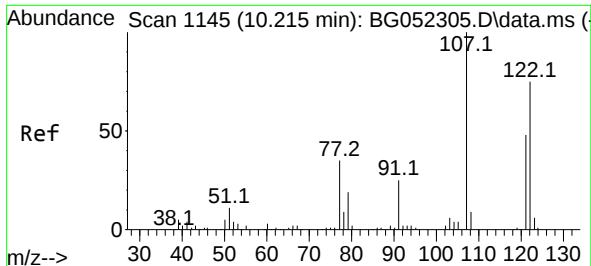
Tgt Ion: 82 Resp: 31025
Ion Ratio Lower Upper
82 100
95 8.1 6.6 9.8
138 17.9 12.5 18.7



#26
2-Nitrophenol
Concen: 7.910 ng
RT: 10.164 min Scan# 1136
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 139 Resp: 6605
Ion Ratio Lower Upper
139 100
109 39.8 30.4 45.6
65 71.1 55.7 83.5

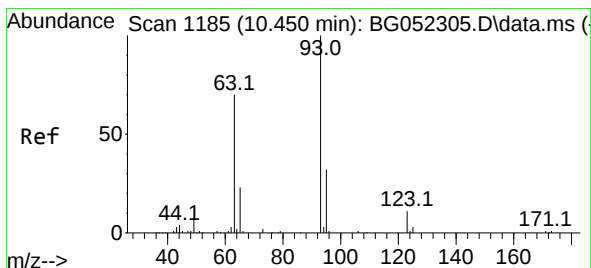
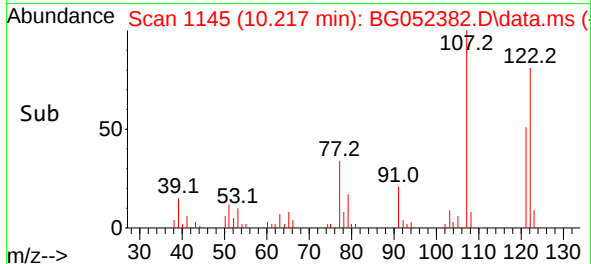
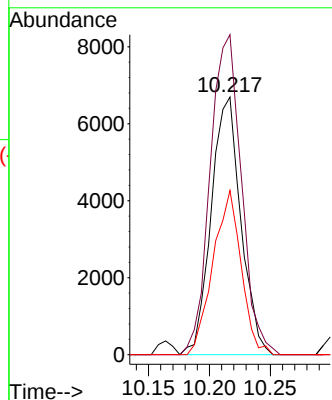
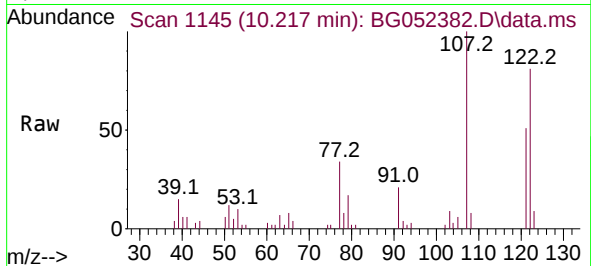




#27
2,4-Dimethylphenol
Concen: 9.168 ng
RT: 10.217 min Scan# 1145
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

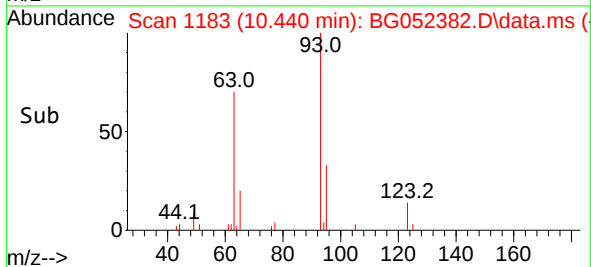
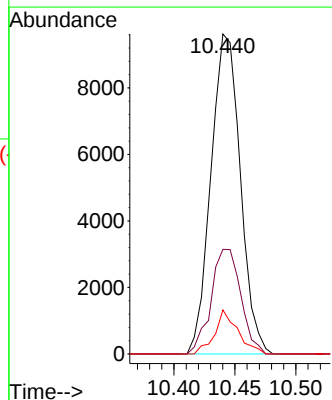
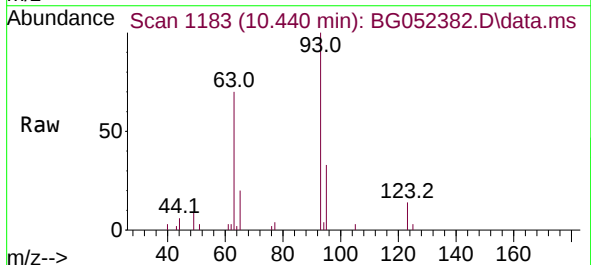
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

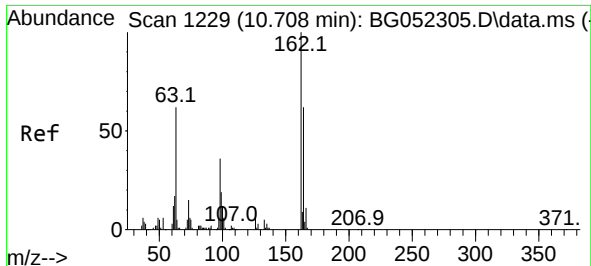
Tgt Ion:122 Resp: 11334
Ion Ratio Lower Upper
122 100
107 124.2 105.8 158.8
121 63.8 48.6 72.8



#28
bis(2-Chloroethoxy)methane
Concen: 8.046 ng
RT: 10.440 min Scan# 1183
Delta R.T. -0.010 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 93 Resp: 16136
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 13.8 7.6 11.4#





#29

2,4-Dichlorophenol

Concen: 7.655 ng

RT: 10.704 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2021

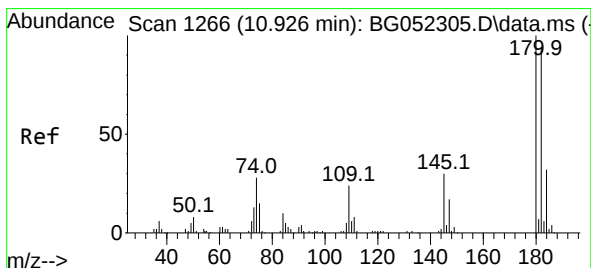
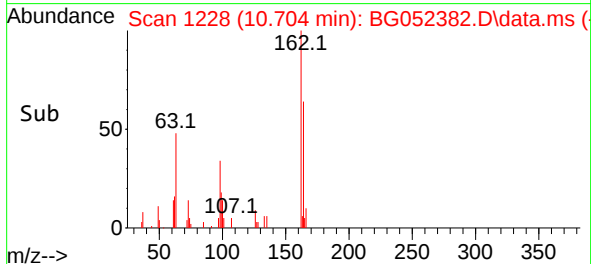
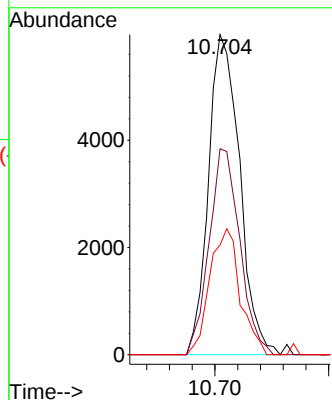
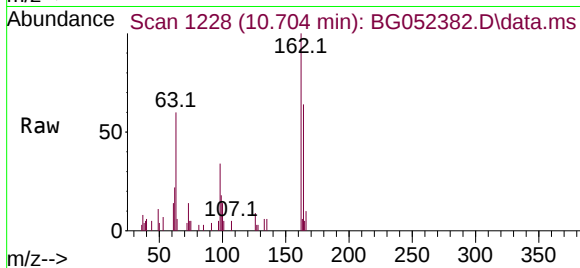
Tgt Ion:162 Resp: 11343

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 34.3 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 8.523 ng

RT: 10.922 min Scan# 1265

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

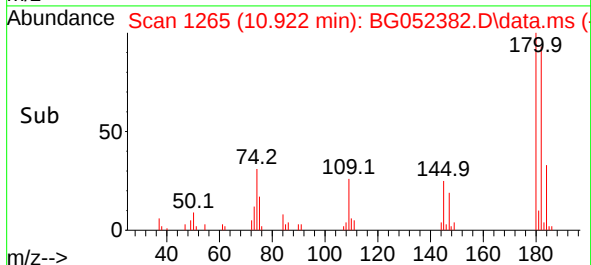
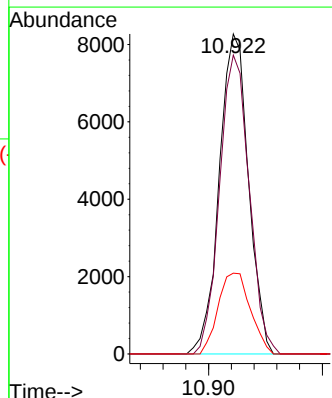
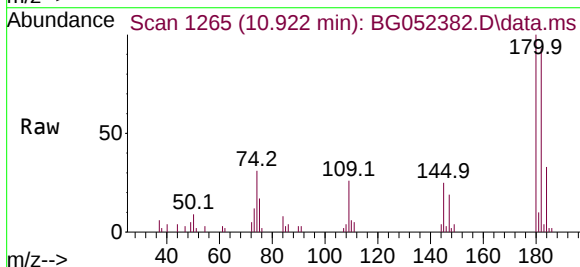
Tgt Ion:180 Resp: 14747

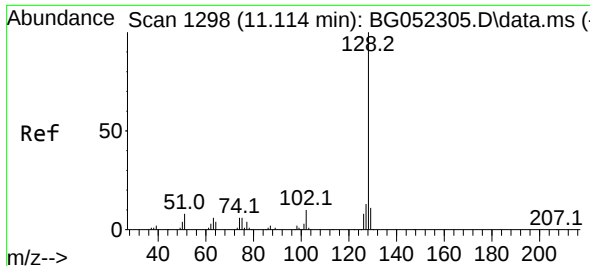
Ion Ratio Lower Upper

180 100

182 93.4 76.1 114.1

145 25.3 24.0 36.0

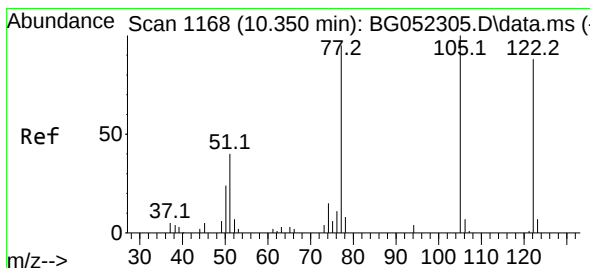
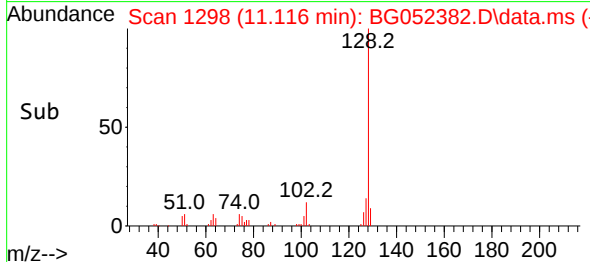
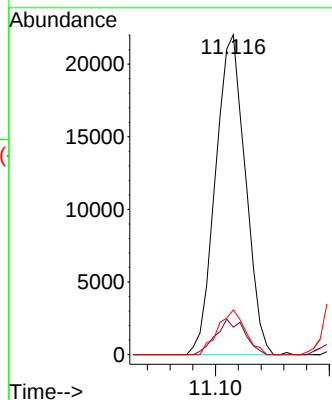
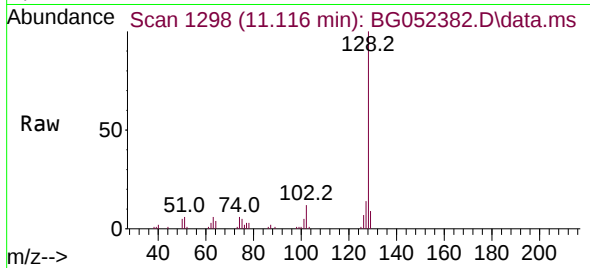




#31
Naphthalene
Concen: 8.472 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

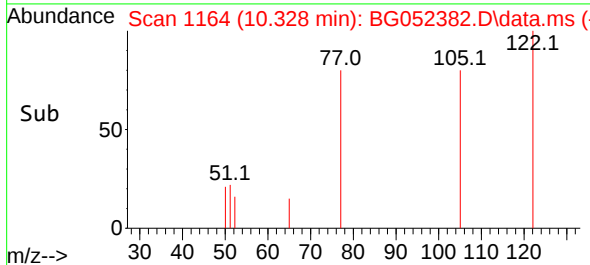
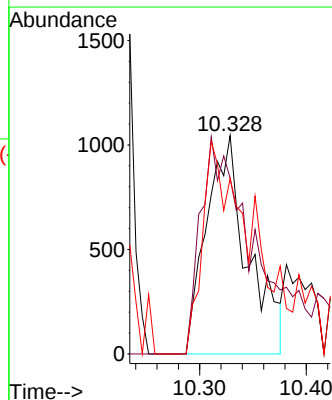
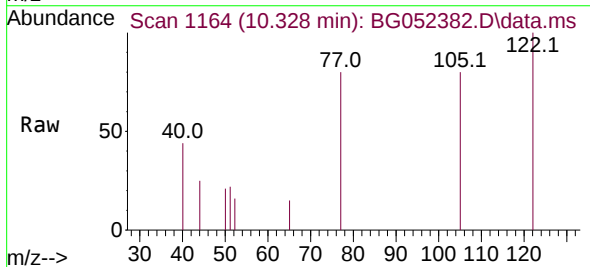
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

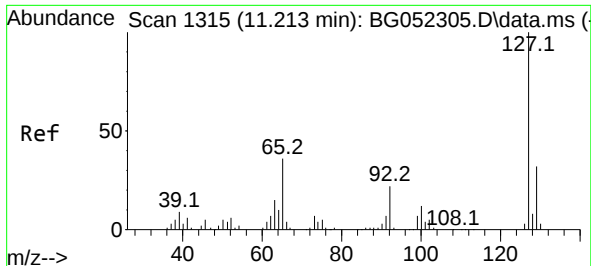
Tgt Ion:128 Resp: 40090
Ion Ratio Lower Upper
128 100
129 8.6 9.8 14.6#
127 14.0 12.0 18.0



#32
Benzoic acid
Concen: 3.852 ng
RT: 10.328 min Scan# 1164
Delta R.T. -0.022 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:122 Resp: 2797
Ion Ratio Lower Upper
122 100
105 80.5 109.2 149.2#
77 80.3 92.8 132.8#

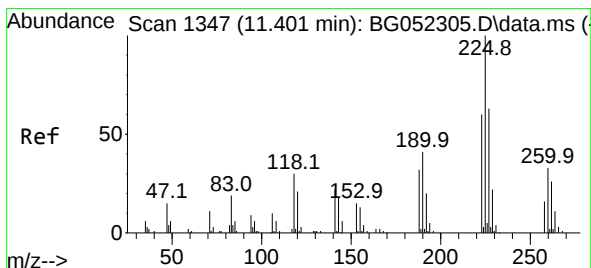
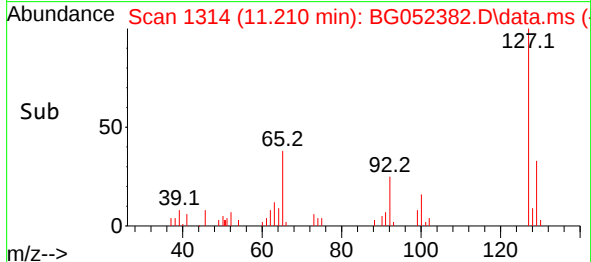
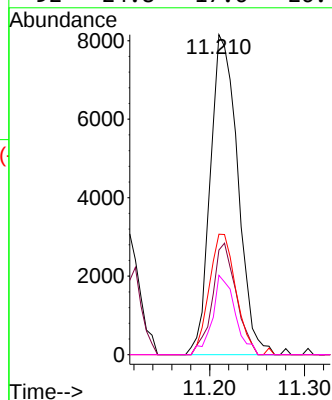
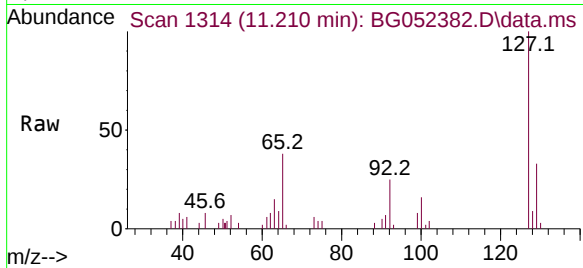




#33
4-Chloroaniline
Concen: 8.280 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

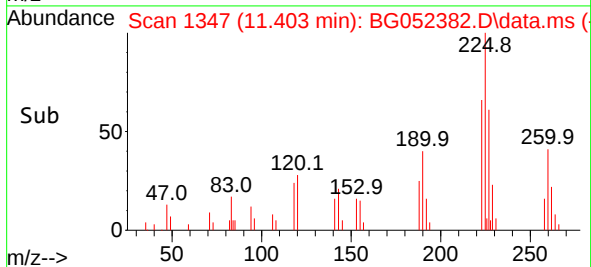
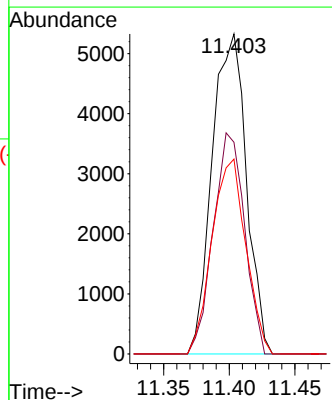
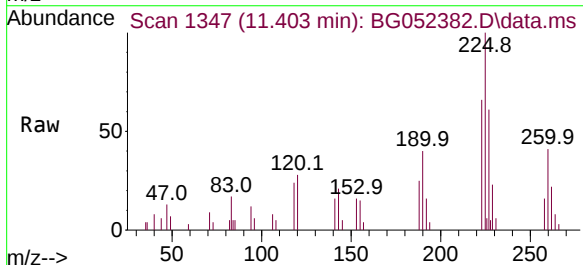
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

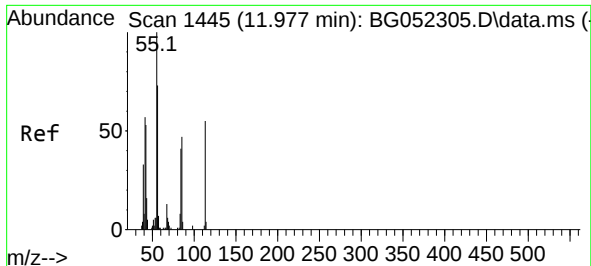
Tgt Ion:127	Resp:	16357
Ion	Ratio	Lower Upper
127	100	
129	32.7	27.0 40.6
65	37.7	28.7 43.1
92	24.8	17.6 26.4



#34
Hexachlorobutadiene
Concen: 8.267 ng
RT: 11.403 min Scan# 1347
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:225	Resp:	9661
Ion	Ratio	Lower Upper
225	100	
223	66.2	51.6 77.4
227	60.9	53.9 80.9

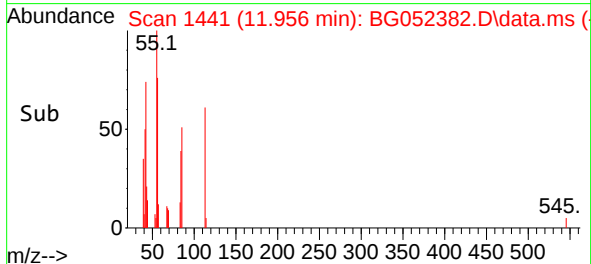
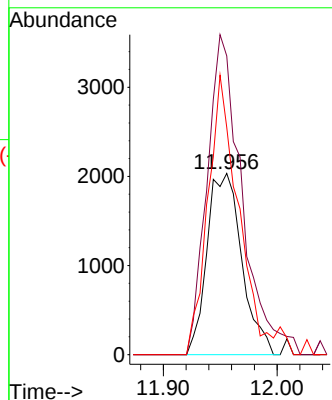
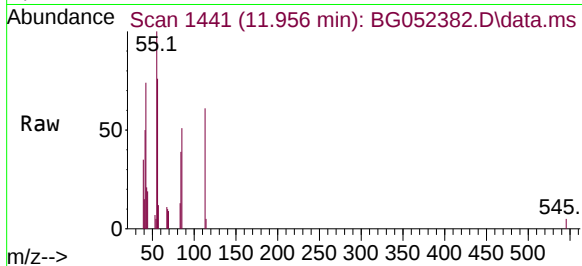




#35
Caprolactam
Concen: 7.996 ng
RT: 11.956 min Scan# 14
Delta R.T. -0.021 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

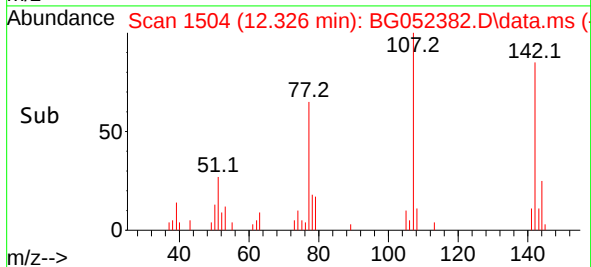
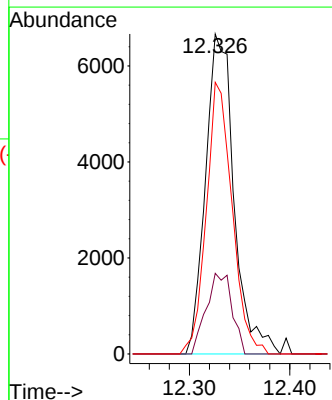
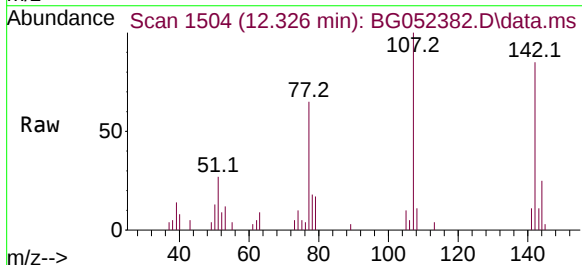
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

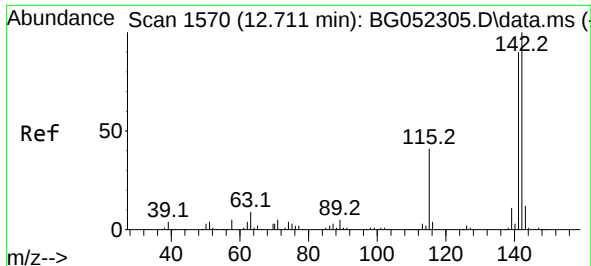
Tgt Ion:113 Resp: 4318
Ion Ratio Lower Upper
113 100
55 164.9 161.4 201.4
56 125.4 132.6 172.6#



#36
4-Chloro-3-methylphenol
Concen: 7.807 ng
RT: 12.326 min Scan# 1504
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:107 Resp: 13161
Ion Ratio Lower Upper
107 100
144 25.2 19.3 28.9
142 84.9 63.9 95.9

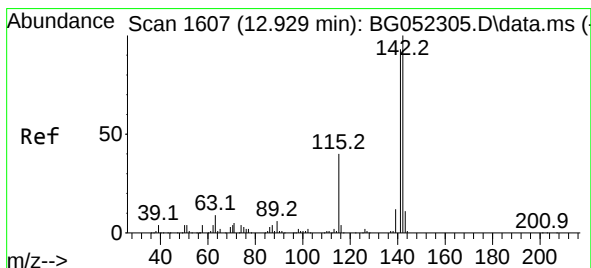
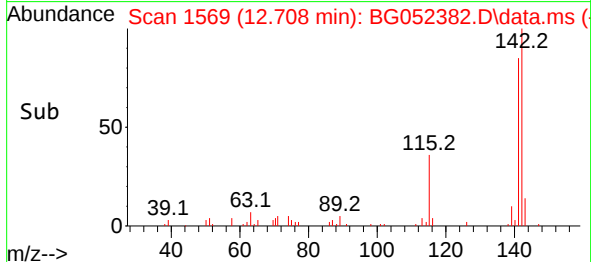
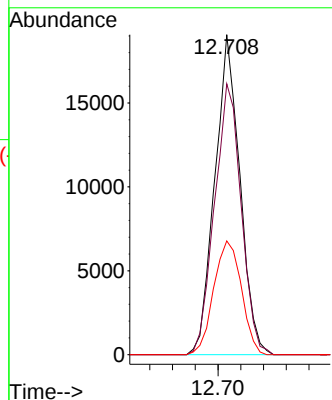
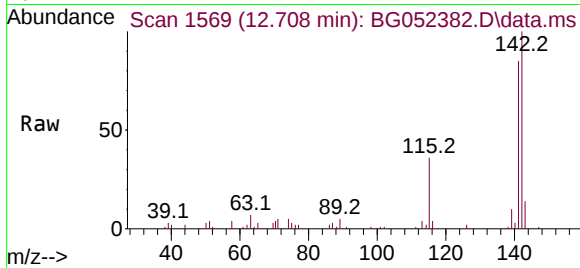




#37
2-Methylnaphthalene
Concen: 8.300 ng
RT: 12.708 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

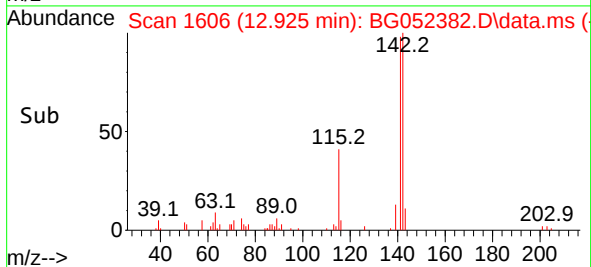
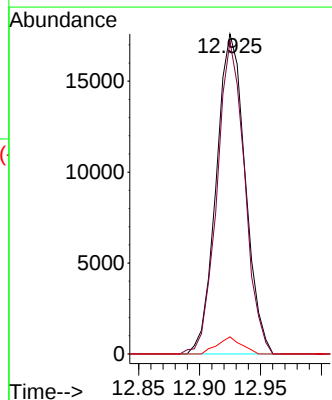
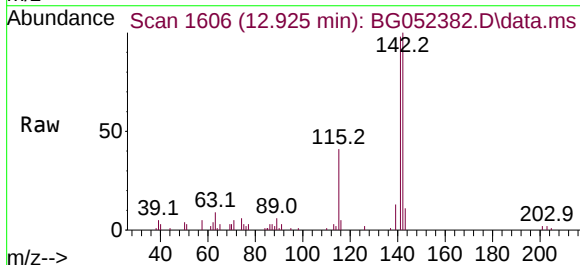
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:142 Resp: 29170
Ion Ratio Lower Upper
142 100
141 84.7 71.7 107.5
115 35.6 32.2 48.4



#38
1-Methylnaphthalene
Concen: 8.532 ng
RT: 12.925 min Scan# 1606
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:142 Resp: 29055
Ion Ratio Lower Upper
142 100
141 97.7 75.0 112.4
116 5.4 4.2 6.4

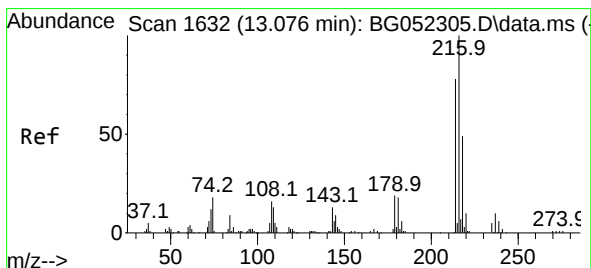
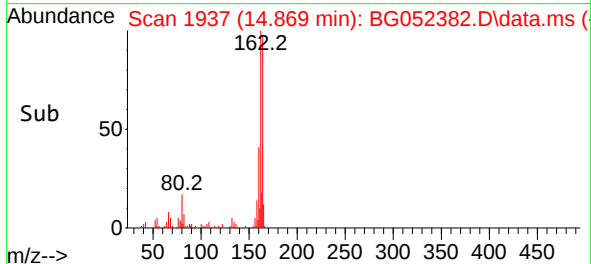
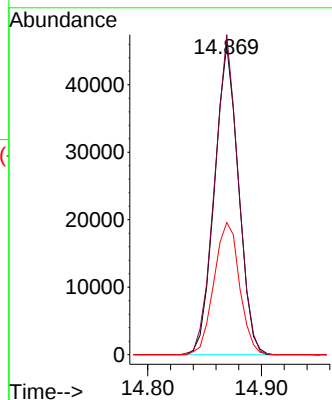
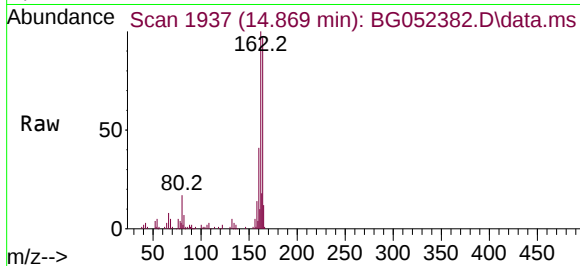




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

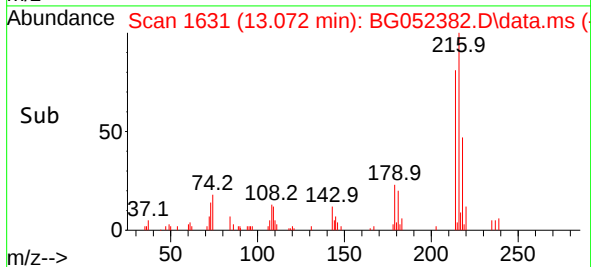
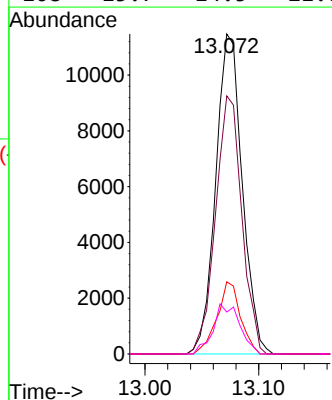
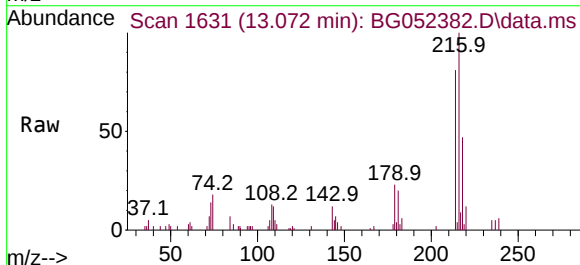
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:164 Resp: 67132
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.2
160 42.6 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.415 ng
RT: 13.072 min Scan# 1631
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:216 Resp: 18581
Ion Ratio Lower Upper
216 100
214 80.0 63.2 94.8
179 20.0 16.3 24.5
108 15.7 14.5 21.7

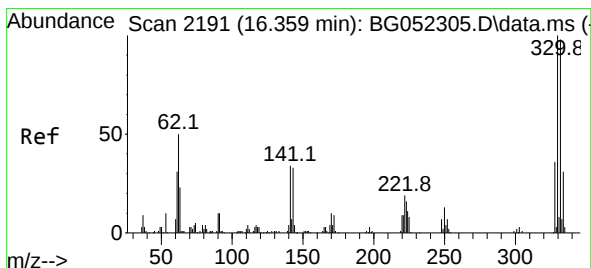
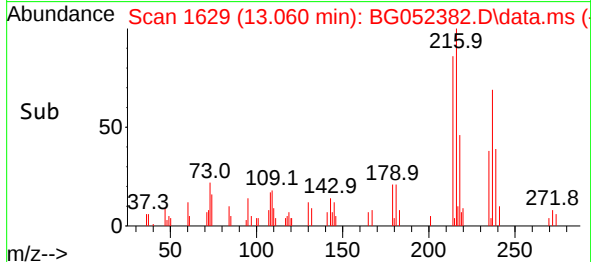
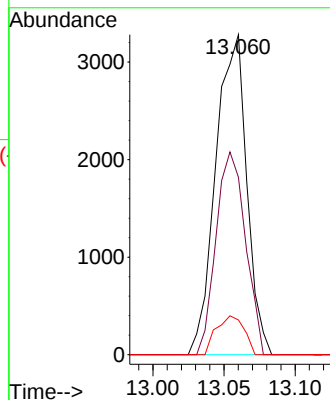
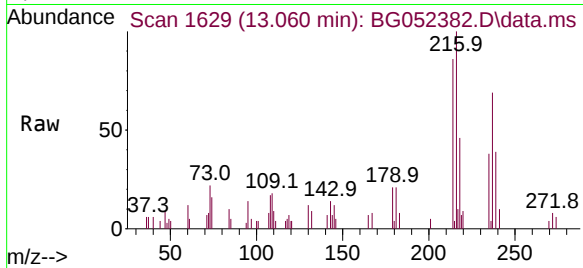




#41
Hexachlorocyclopentadiene
Concen: 5.329 ng
RT: 13.060 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

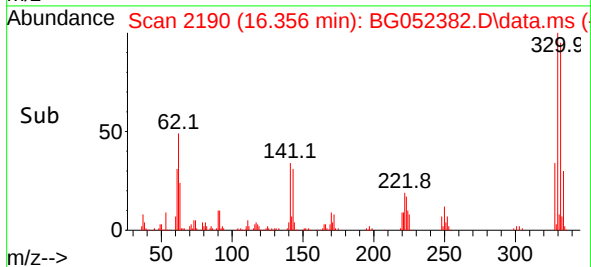
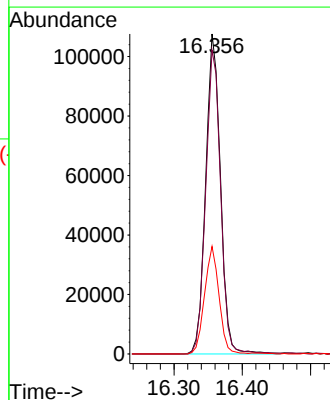
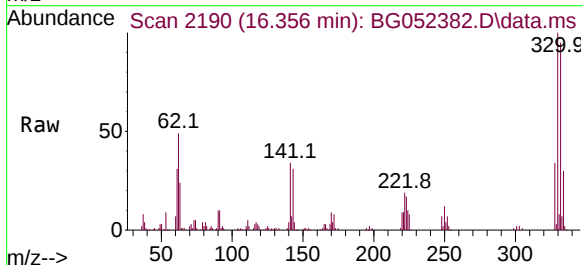
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

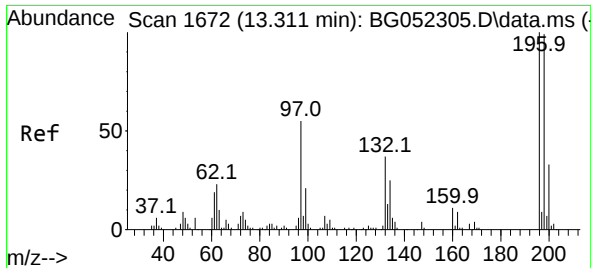
Tgt Ion:237 Resp: 4968
Ion Ratio Lower Upper
237 100
235 55.4 45.9 85.9
272 10.9 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 168.227 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:330 Resp: 162248
Ion Ratio Lower Upper
330 100
332 95.6 78.6 117.8
141 32.9 28.8 43.2

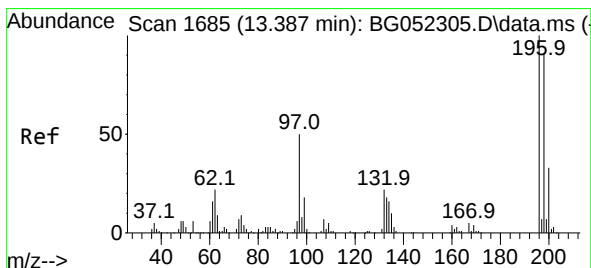
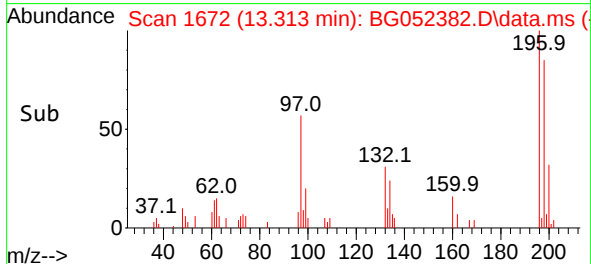
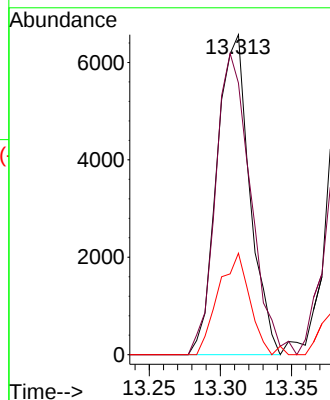
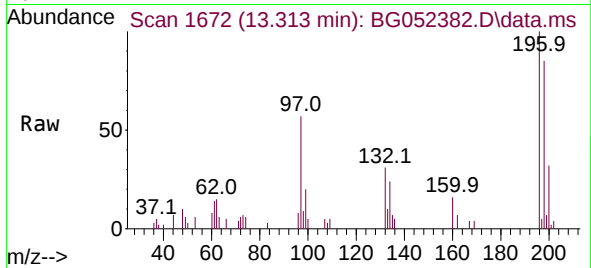




#43
2,4,6-Trichlorophenol
Concen: 7.313 ng
RT: 13.313 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

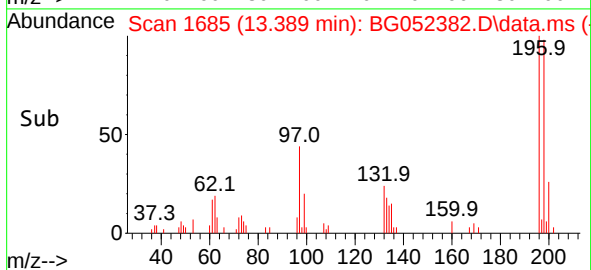
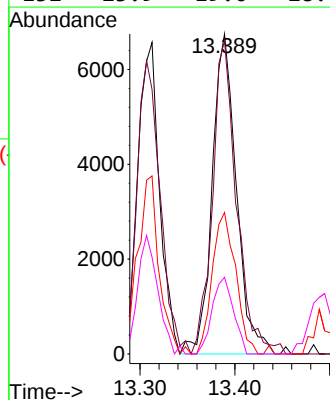
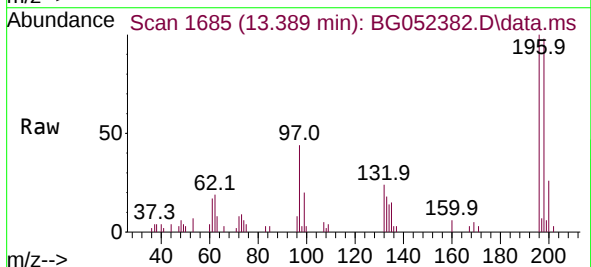
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:196 Resp: 10561
Ion Ratio Lower Upper
196 100
198 84.9 78.4 117.6
200 31.7 28.5 42.7



#44
2,4,5-Trichlorophenol
Concen: 7.672 ng
RT: 13.389 min Scan# 1685
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:196 Resp: 12007
Ion Ratio Lower Upper
196 100
198 97.9 78.6 118.0
97 44.2 43.8 65.8
132 23.9 19.0 28.6

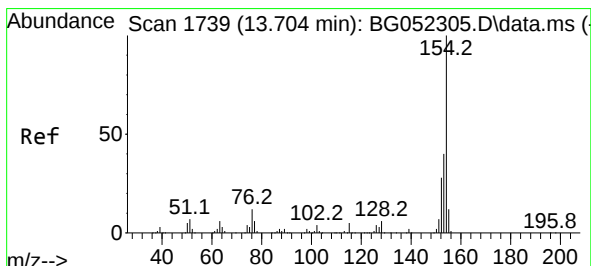
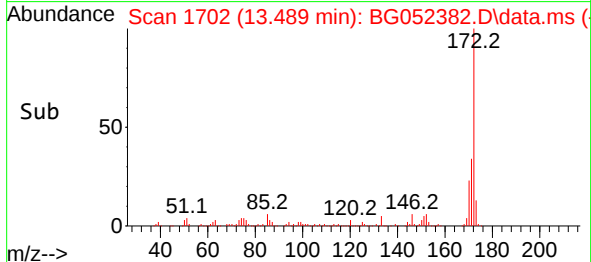
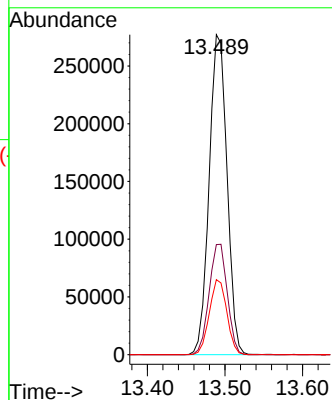
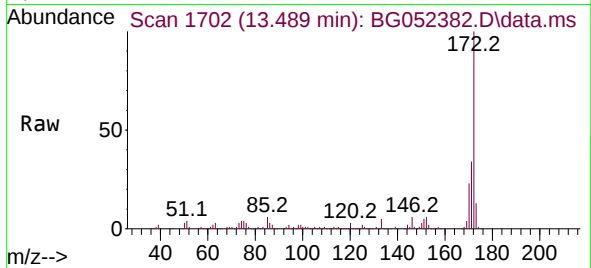




#45
2-Fluorobiphenyl
Concen: 91.726 ng
RT: 13.489 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

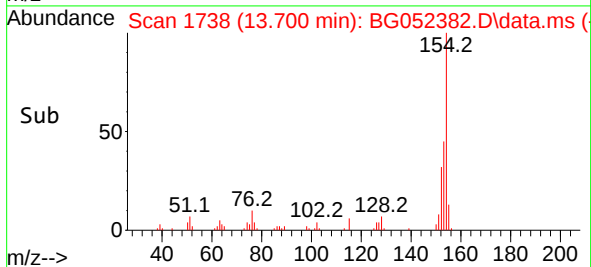
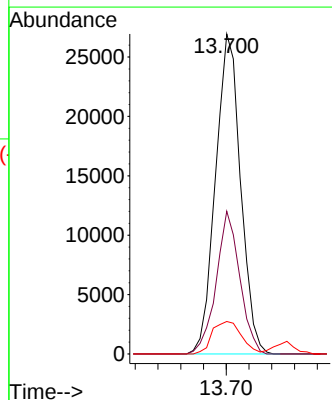
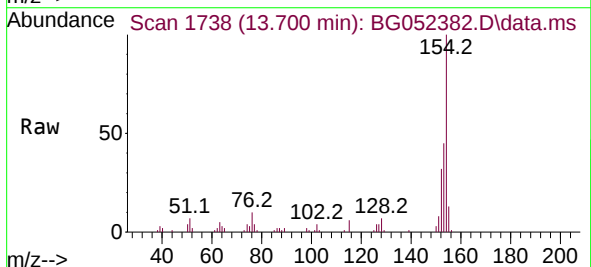
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

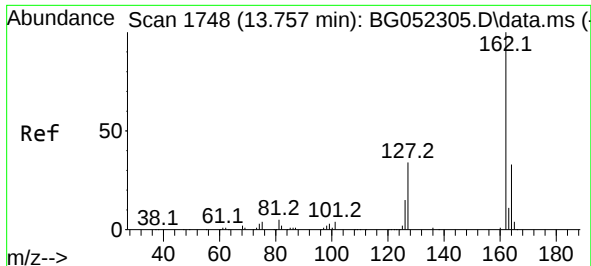
Tgt Ion:172 Resp: 443151
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.4 18.3 27.5



#46
1,1'-Biphenyl
Concen: 8.360 ng
RT: 13.700 min Scan# 1738
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:154 Resp: 41154
Ion Ratio Lower Upper
154 100
153 44.6 21.1 61.1
76 10.2 0.0 32.6

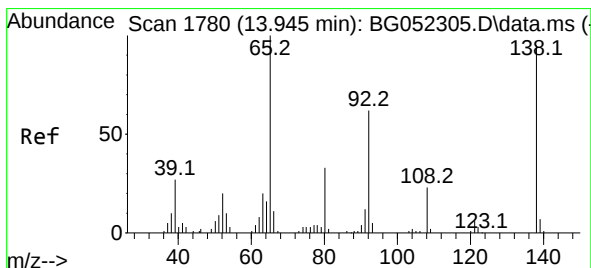
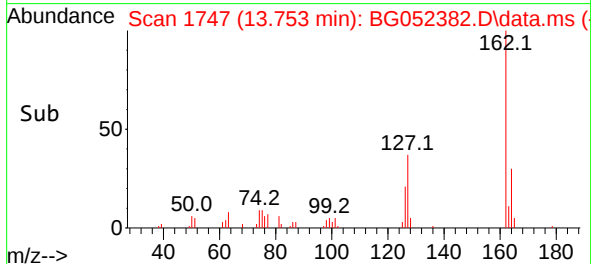
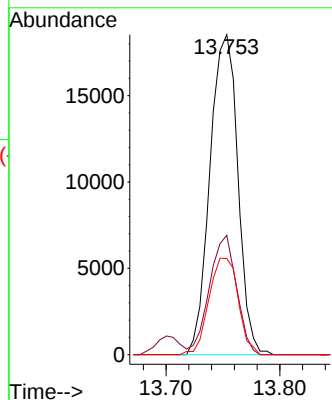
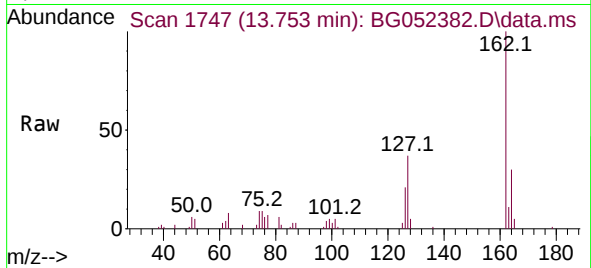




#47
2-Chloronaphthalene
Concen: 8.332 ng
RT: 13.753 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

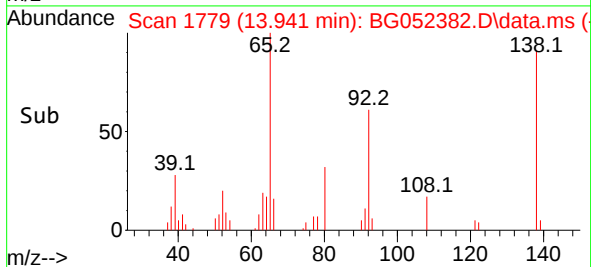
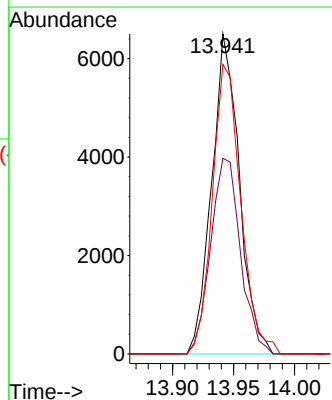
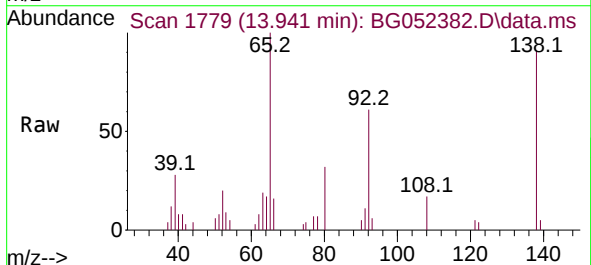
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

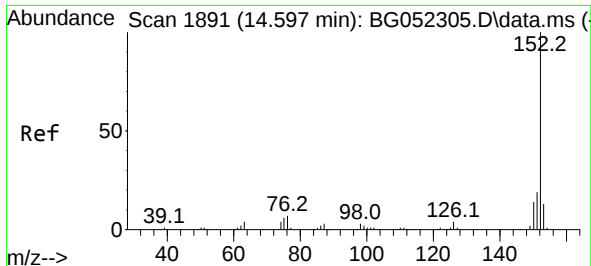
Tgt Ion:162 Resp: 31600
Ion Ratio Lower Upper
162 100
127 37.3 30.4 45.6
164 30.0 25.0 37.4



#48
2-Nitroaniline
Concen: 7.574 ng
RT: 13.941 min Scan# 1779
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 65 Resp: 10226
Ion Ratio Lower Upper
65 100
92 61.1 51.0 76.6
138 90.5 72.4 108.6

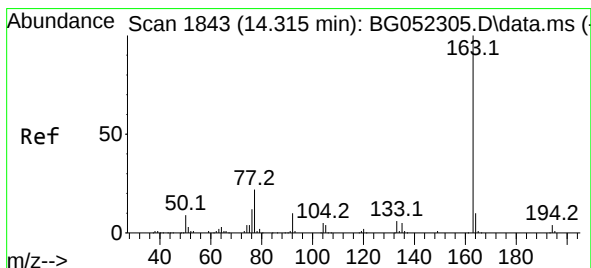
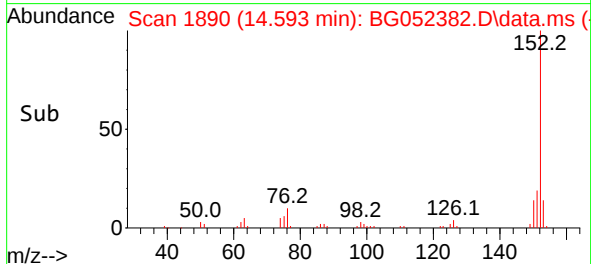
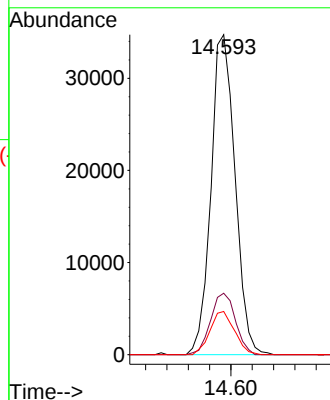
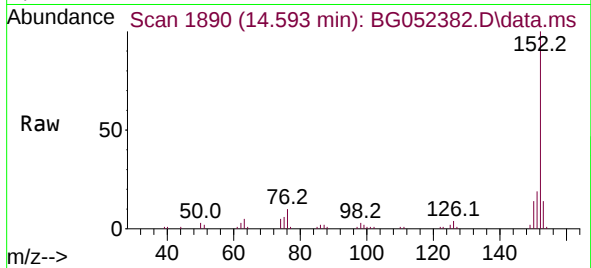




#49
Acenaphthylene
Concen: 8.807 ng
RT: 14.593 min Scan# 1890
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

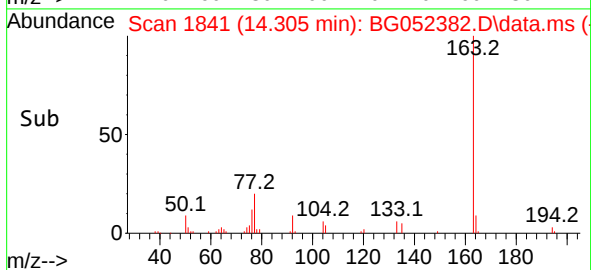
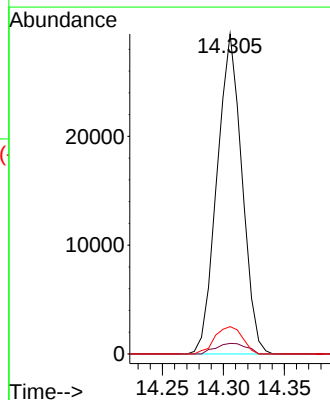
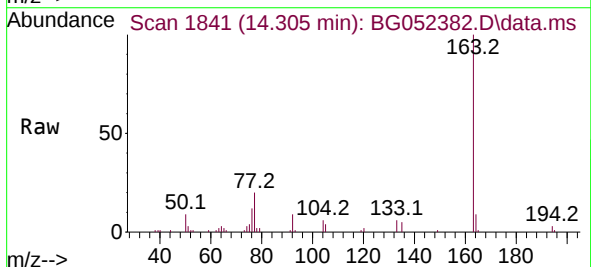
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

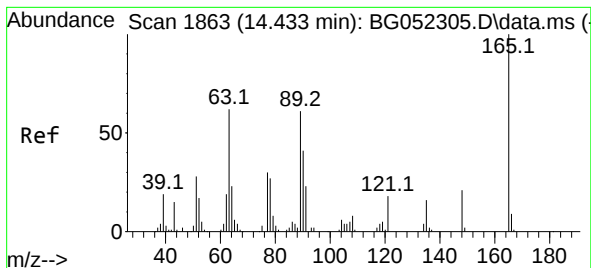
Tgt Ion:152 Resp: 54369
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 13.5 10.8 16.2



#50
Dimethylphthalate
Concen: 8.145 ng
RT: 14.305 min Scan# 1841
Delta R.T. -0.010 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:163 Resp: 41887
Ion Ratio Lower Upper
163 100
194 3.3 3.4 5.2#
164 8.6 8.4 12.6

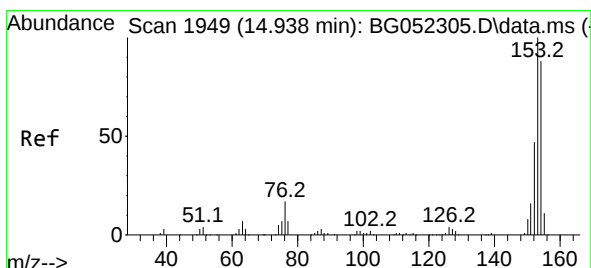
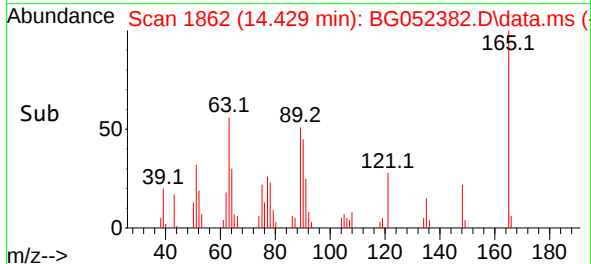
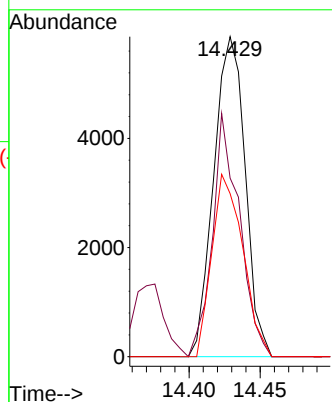
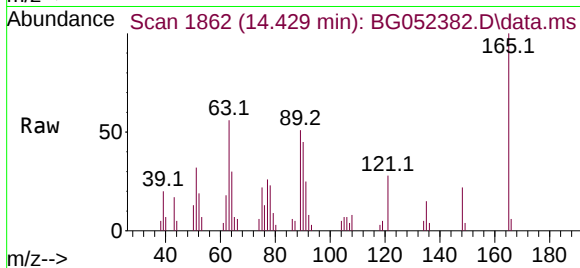




#51
2,6-Dinitrotoluene
Concen: 8.116 ng
RT: 14.429 min Scan# 1863
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

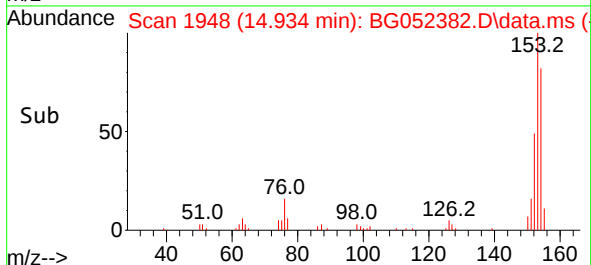
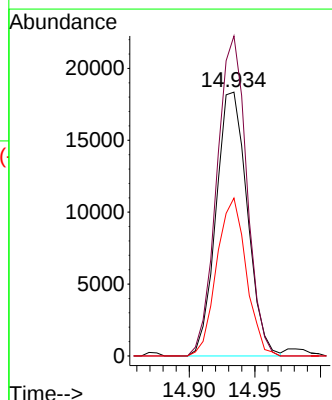
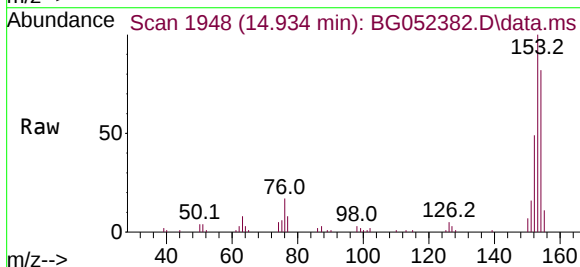
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

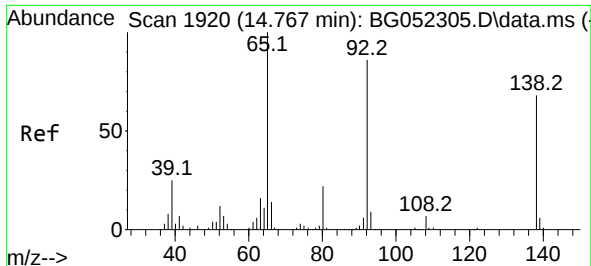
Tgt Ion:165 Resp: 9007
Ion Ratio Lower Upper
165 100
63 55.8 59.0 88.4#
89 51.0 49.4 74.0



#52
Acenaphthene
Concen: 7.503 ng
RT: 14.934 min Scan# 1948
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:154 Resp: 30337
Ion Ratio Lower Upper
154 100
153 121.3 91.9 137.9
152 59.9 43.4 65.2

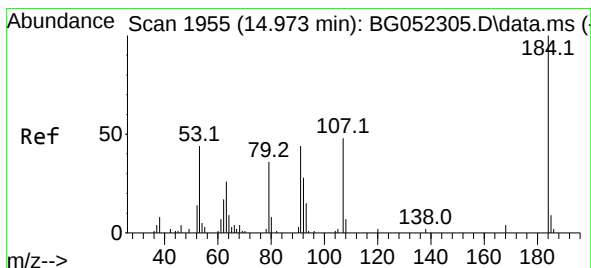
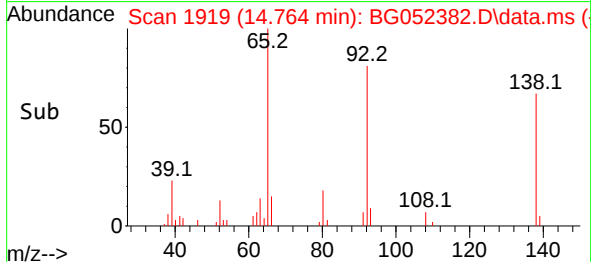
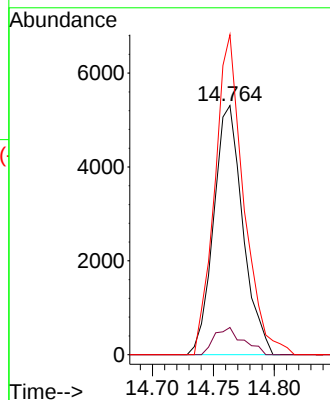
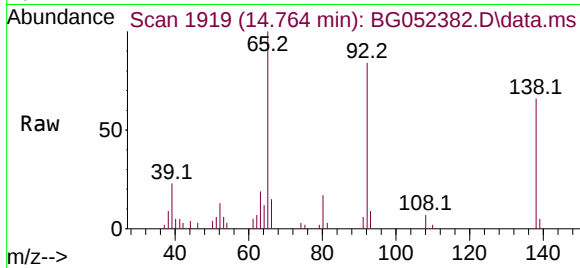




#53
3-Nitroaniline
Concen: 7.676 ng
RT: 14.764 min Scan# 1919
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

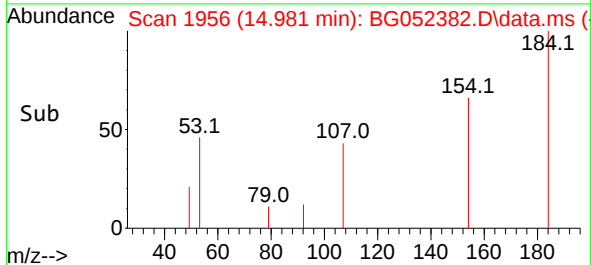
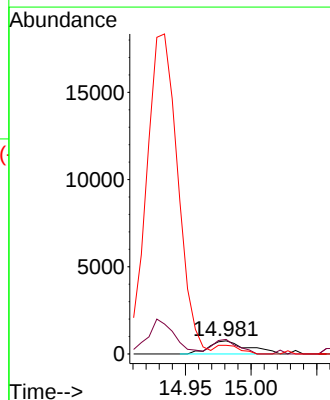
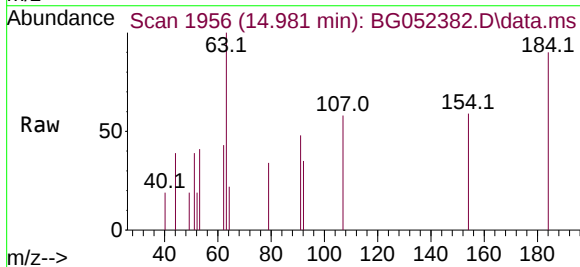
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

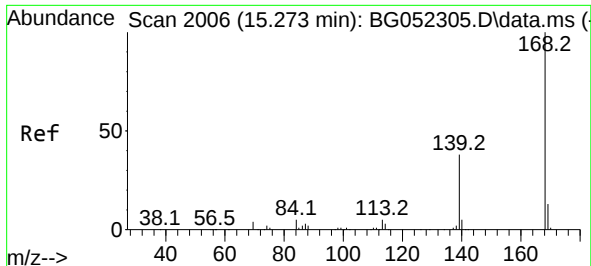
Tgt Ion:138 Resp: 8854
Ion Ratio Lower Upper
138 100
108 10.9 7.8 11.8
92 128.4 100.4 150.6



#54
2,4-Dinitrophenol
Concen: 2.558 ng
RT: 14.981 min Scan# 1956
Delta R.T. 0.008 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:184 Resp: 1539
Ion Ratio Lower Upper
184 100
63 111.2 56.0 84.0#
154 65.6 50.2 75.2

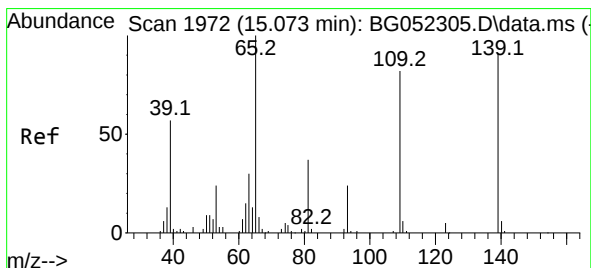
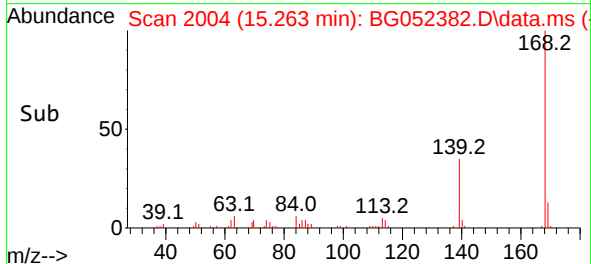
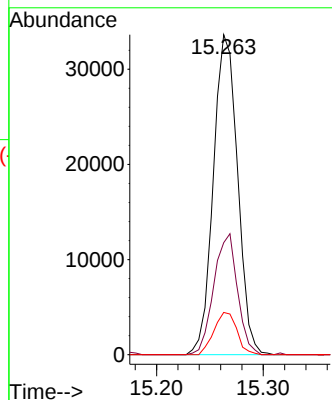
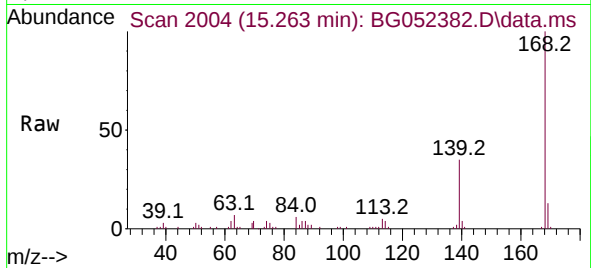




#55
Dibenzofuran
Concen: 8.352 ng
RT: 15.263 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

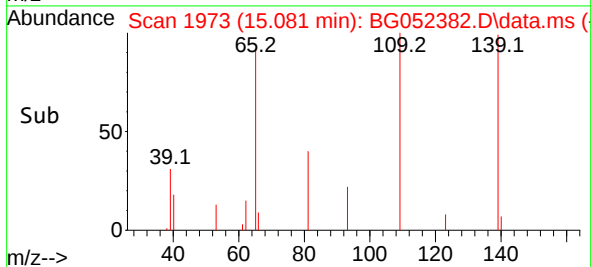
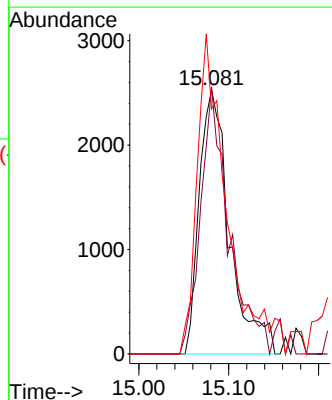
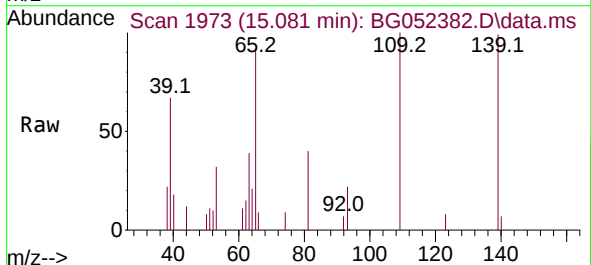
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:168 Resp: 53104
Ion Ratio Lower Upper
168 100
139 35.0 30.7 46.1
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 6.828 ng
RT: 15.081 min Scan# 1973
Delta R.T. 0.008 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:139 Resp: 5915
Ion Ratio Lower Upper
139 100
109 101.1 84.9 124.9
65 92.8 109.9 149.9#





#57

2,4-Dinitrotoluene

Concen: 8.449 ng

RT: 15.216 min Scan# 1996

Delta R.T. -0.004 min

Lab File: BG052382.D

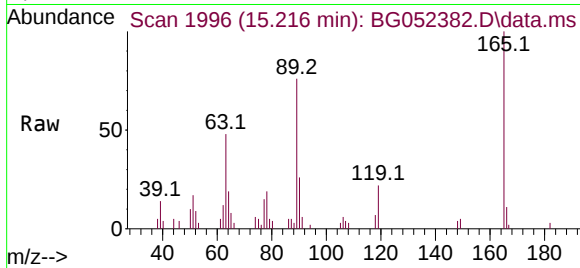
Acq: 14 Feb 2022 14:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2021



Tgt Ion:165 Resp: 13345

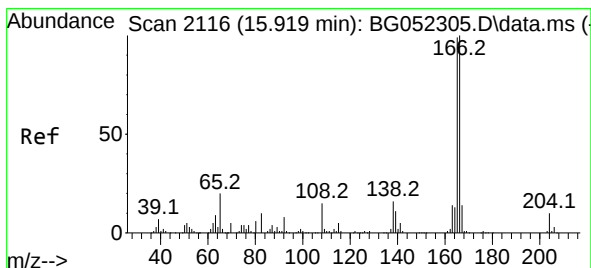
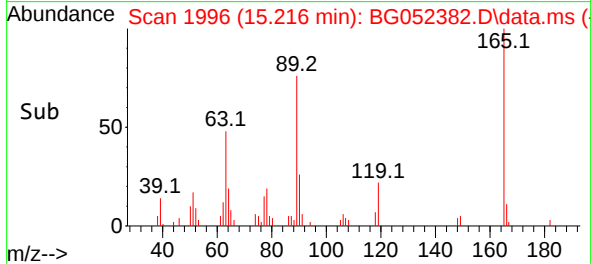
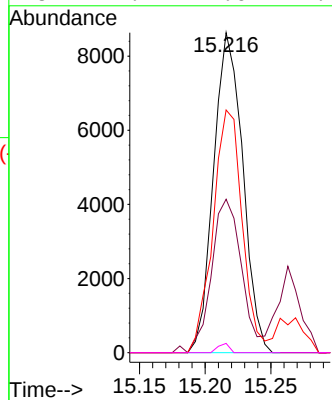
Ion Ratio Lower Upper

165 100

63 47.9 44.6 66.8

89 75.8 67.4 101.0

182 2.9 1.6 2.4#



#58

Fluorene

Concen: 8.734 ng

RT: 15.915 min Scan# 2115

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

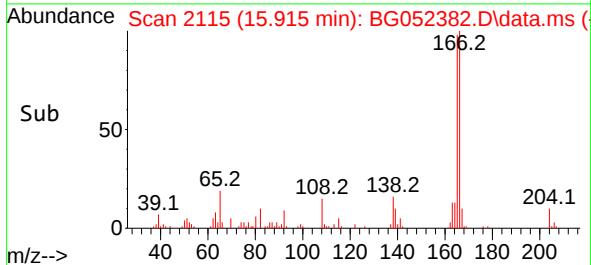
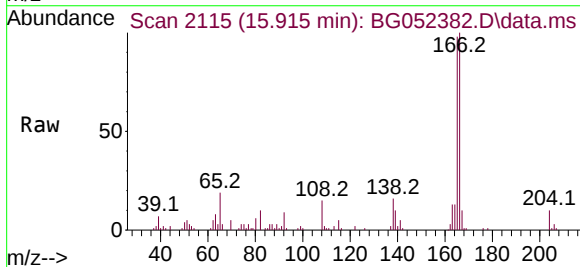
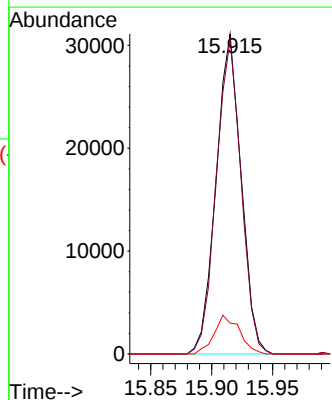
Tgt Ion:166 Resp: 44336

Ion Ratio Lower Upper

166 100

165 98.2 80.0 120.0

167 9.6 11.1 16.7#





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.229 ng

RT: 15.492 min Scan# 2044

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2021

Tgt Ion:232 Resp: 10808

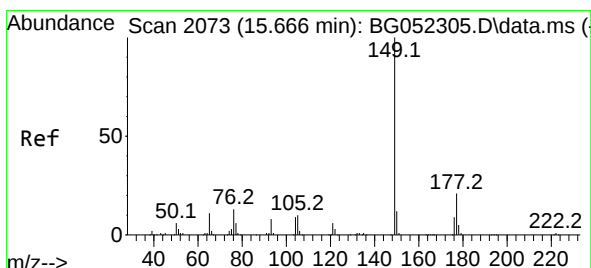
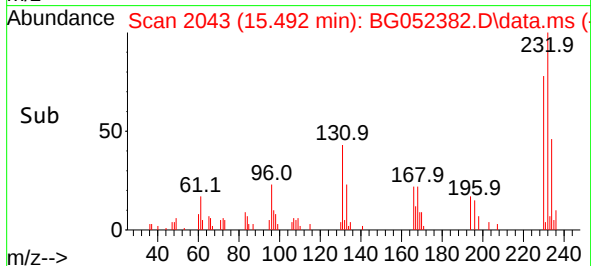
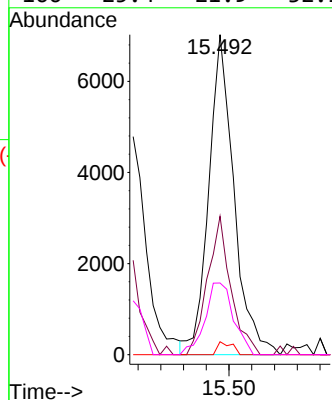
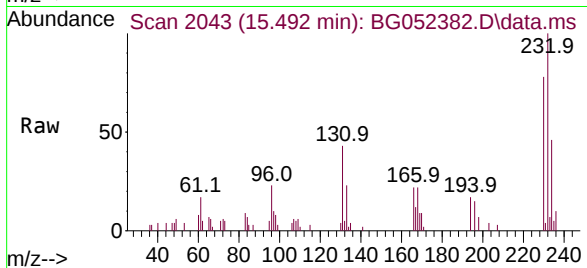
Ion Ratio Lower Upper

232 100

131 40.0 32.2 48.4

130 2.3 2.2 3.4

166 25.4 21.9 32.9



#60

Diethylphthalate

Concen: 8.514 ng

RT: 15.662 min Scan# 2072

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

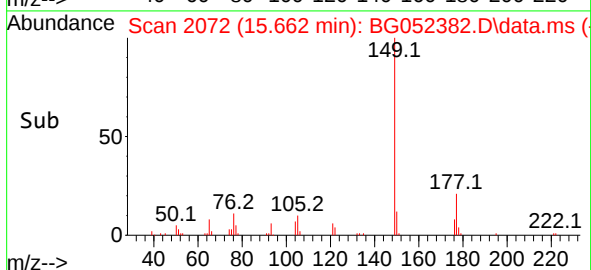
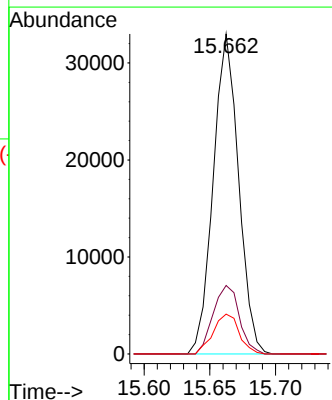
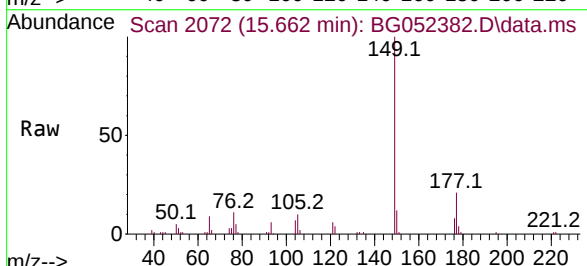
Tgt Ion:149 Resp: 44231

Ion Ratio Lower Upper

149 100

177 21.4 17.8 26.6

150 12.5 9.2 13.8

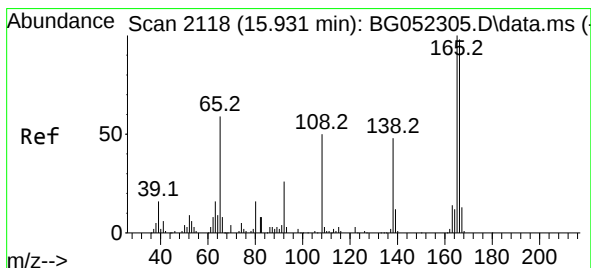
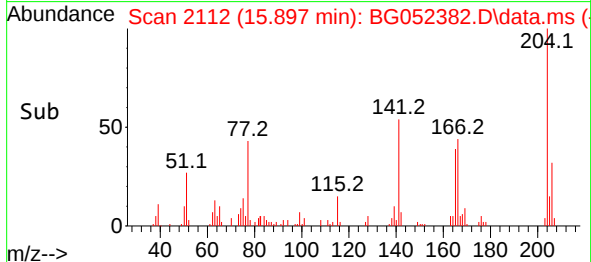
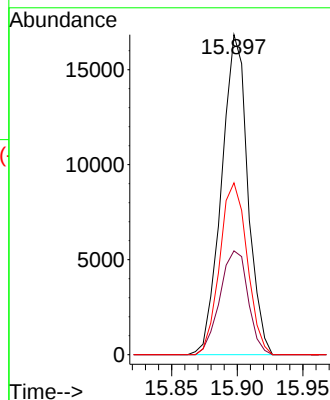
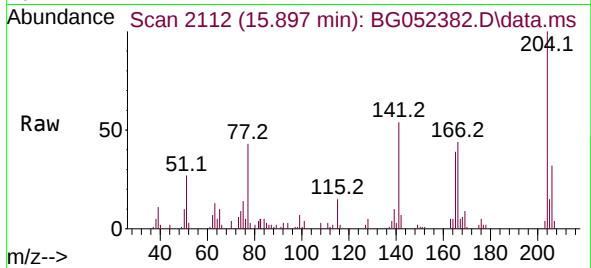




#61
4-Chlorophenyl-phenylether
Concen: 8.112 ng
RT: 15.897 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

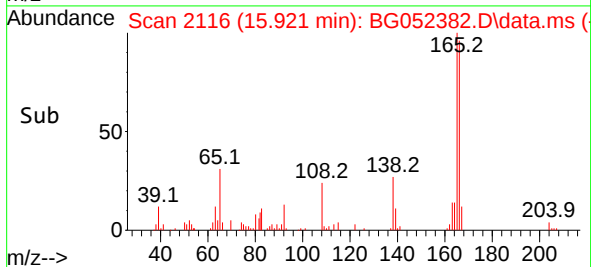
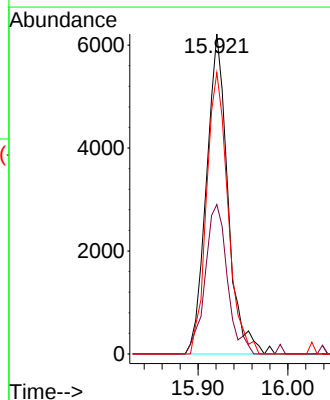
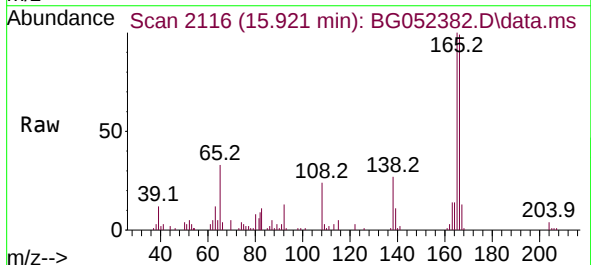
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

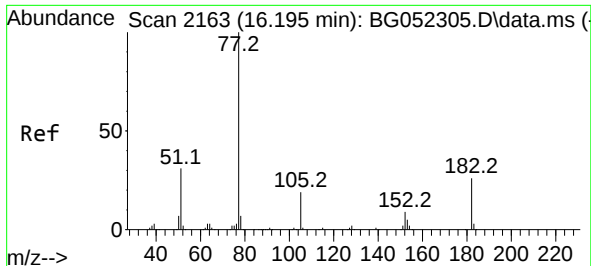
Tgt Ion:204 Resp: 23456
Ion Ratio Lower Upper
204 100
206 32.4 28.4 42.6
141 53.7 41.8 62.6



#62
4-Nitroaniline
Concen: 8.491 ng
RT: 15.921 min Scan# 2116
Delta R.T. -0.010 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:138 Resp: 10311
Ion Ratio Lower Upper
138 100
92 46.7 35.5 75.5
108 87.9 96.4 136.4#

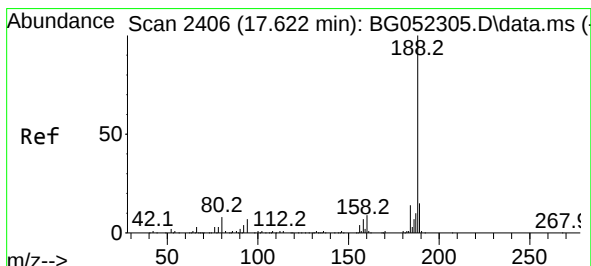
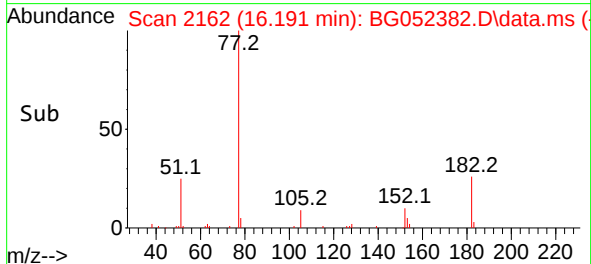
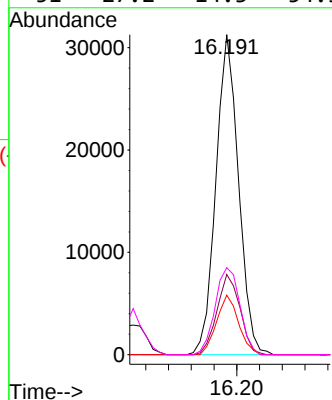
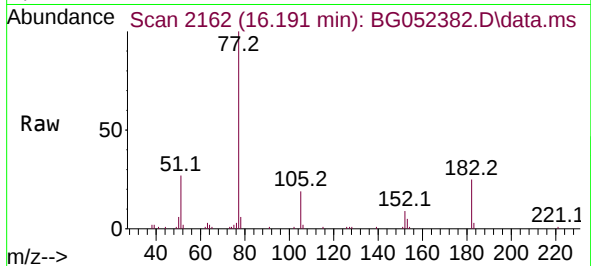




#63
Azobenzene
Concen: 8.108 ng
RT: 16.191 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

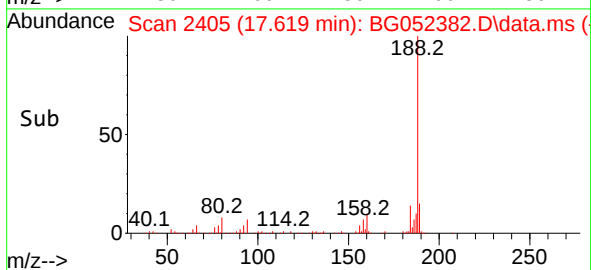
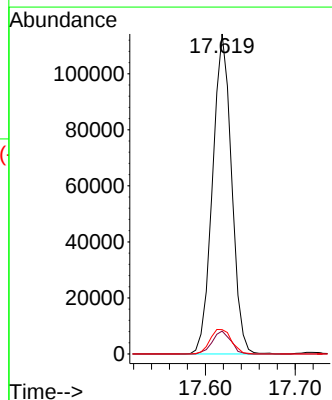
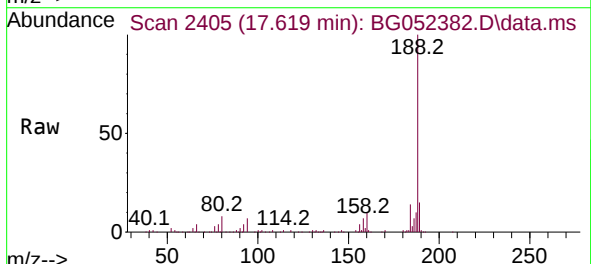
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion: 77	Resp: 43122
Ion Ratio	Lower Upper
77 100	
182 25.0	4.1 44.1
105 18.6	0.0 37.5
51 27.2	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion: 188	Resp: 167807
Ion Ratio	Lower Upper
188 100	
94 7.2	5.9 8.9
80 7.6	6.6 10.0

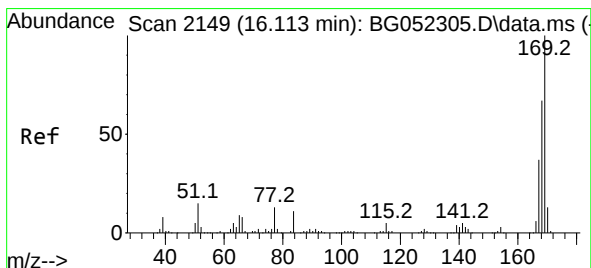
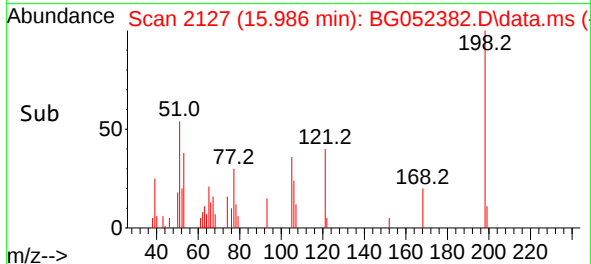
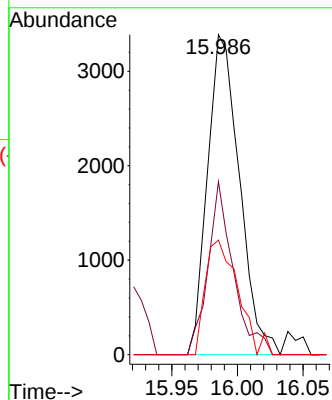
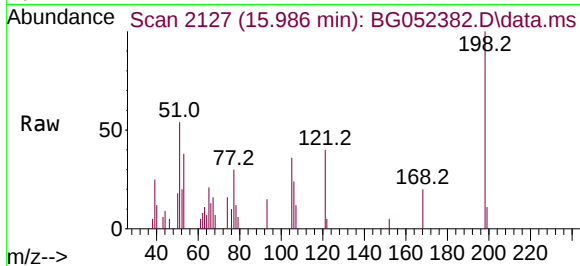




#65
4,6-Dinitro-2-methylphenol
Concen: 5.684 ng
RT: 15.986 min Scan# 2128
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

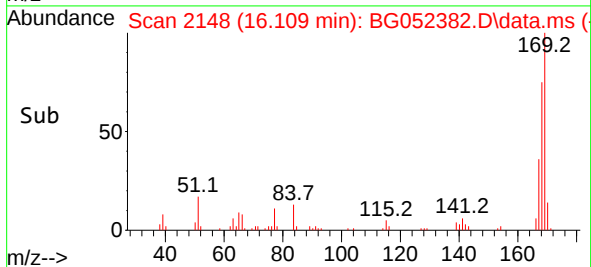
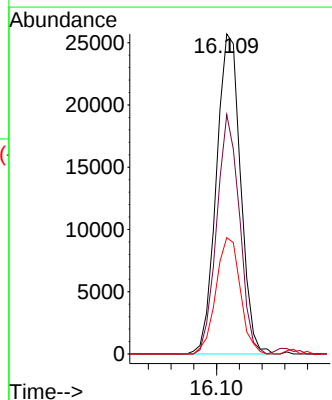
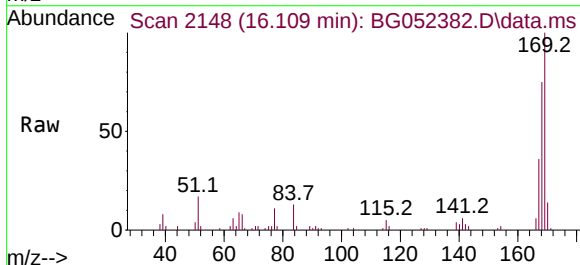
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:198 Resp: 5738
Ion Ratio Lower Upper
198 100
51 54.1 31.6 71.6
105 35.8 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 8.209 ng
RT: 16.109 min Scan# 2148
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:169 Resp: 37955
Ion Ratio Lower Upper
169 100
168 74.8 57.4 86.0
167 36.4 29.5 44.3

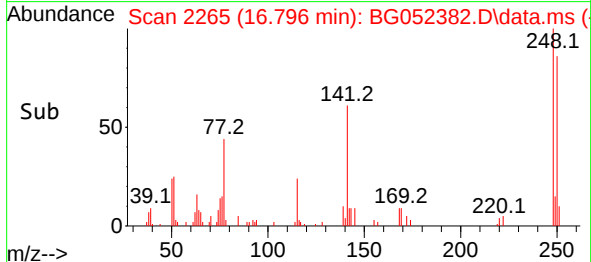
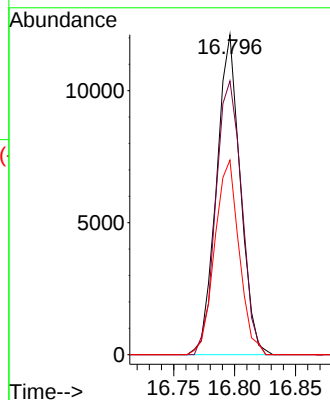
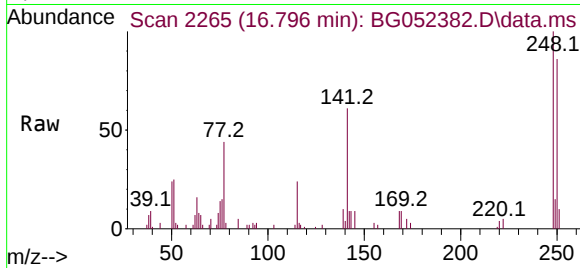




#67
4-Bromophenyl-phenylether
Concen: 8.071 ng
RT: 16.796 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

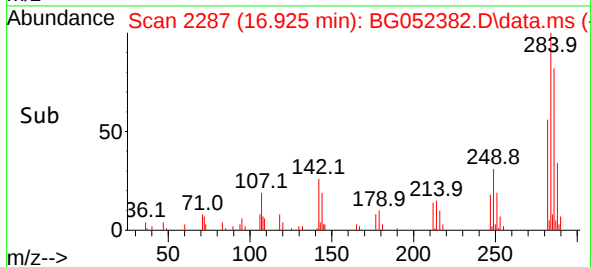
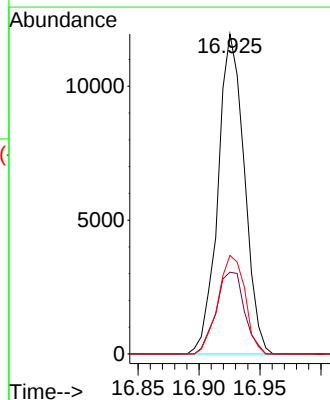
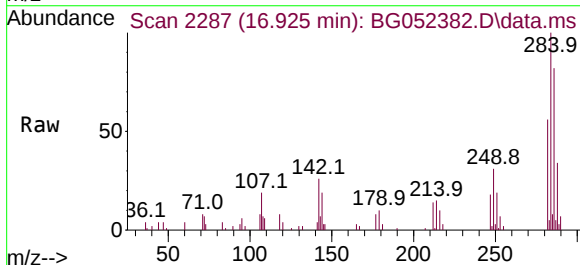
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

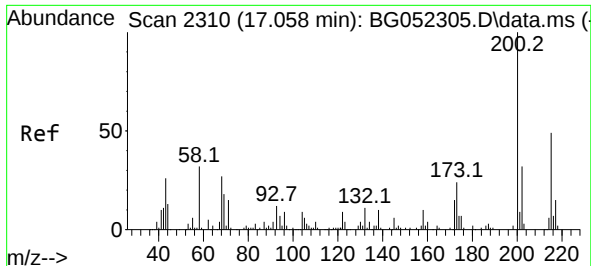
Tgt Ion:248 Resp: 16470
Ion Ratio Lower Upper
248 100
250 85.6 79.6 119.4
141 60.8 54.6 81.8



#68
Hexachlorobenzene
Concen: 8.130 ng
RT: 16.925 min Scan# 2287
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:284 Resp: 17994
Ion Ratio Lower Upper
284 100
142 25.5 26.2 39.2#
249 30.8 26.9 40.3

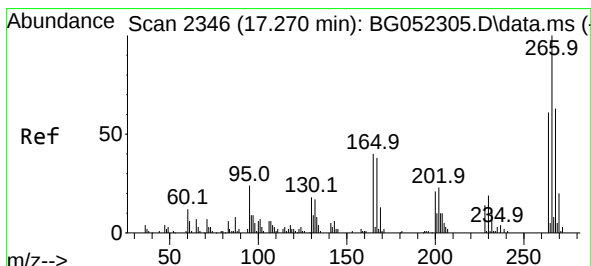
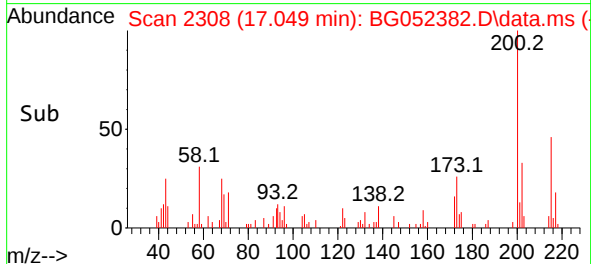
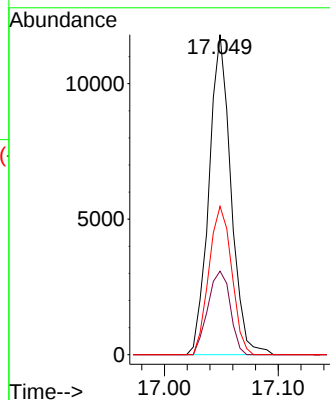
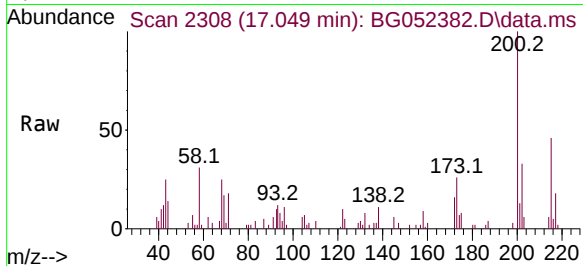




#69
 Atrazine
 Concen: 8.472 ng
 RT: 17.049 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG052382.D
 Acq: 14 Feb 2022 14:05

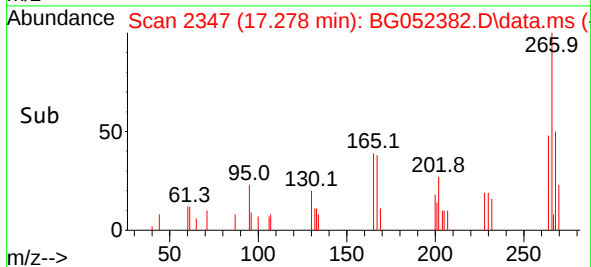
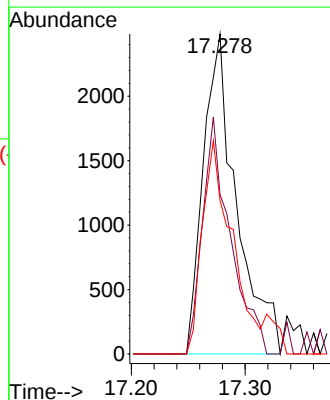
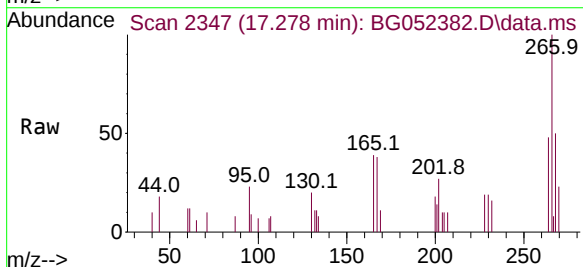
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

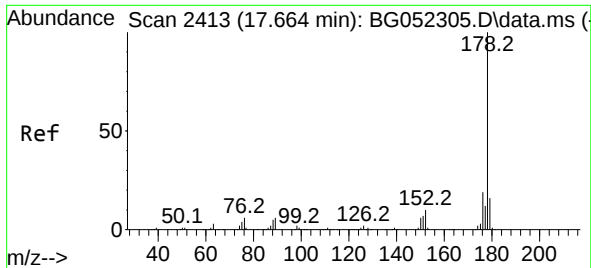
Tgt Ion:200 Resp: 15837
 Ion Ratio Lower Upper
 200 100
 173 26.1 3.3 43.3
 215 46.4 24.4 64.4



#70
 Pentachlorophenol
 Concen: 4.648 ng
 RT: 17.278 min Scan# 2347
 Delta R.T. 0.008 min
 Lab File: BG052382.D
 Acq: 14 Feb 2022 14:05

Tgt Ion:266 Resp: 5033
 Ion Ratio Lower Upper
 266 100
 268 49.8 50.6 75.8#
 264 48.0 52.2 78.2#

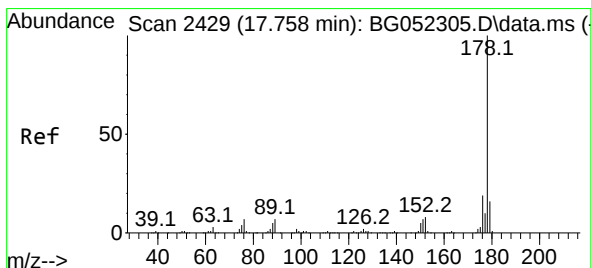
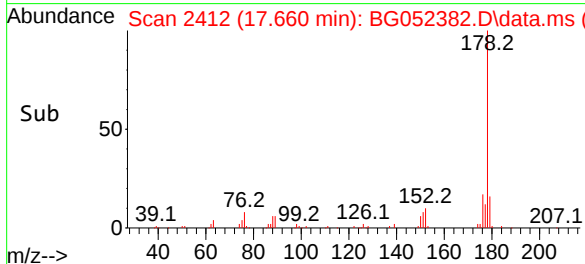
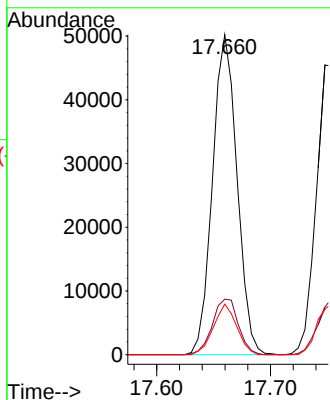
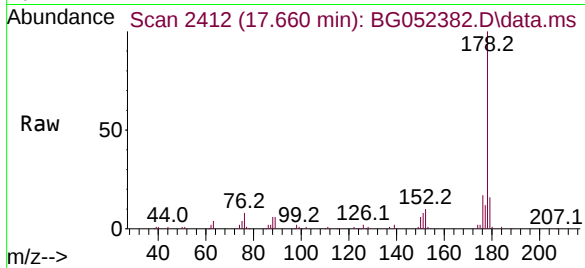




#71
Phenanthrene
Concen: 8.693 ng
RT: 17.660 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

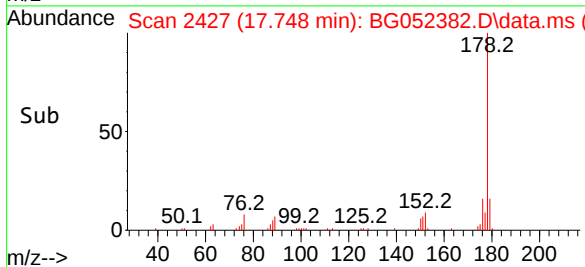
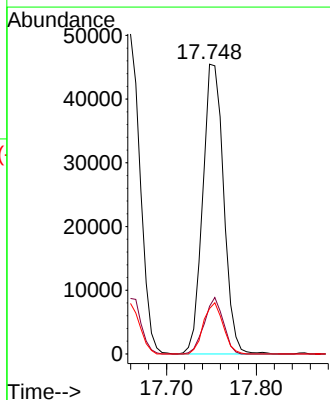
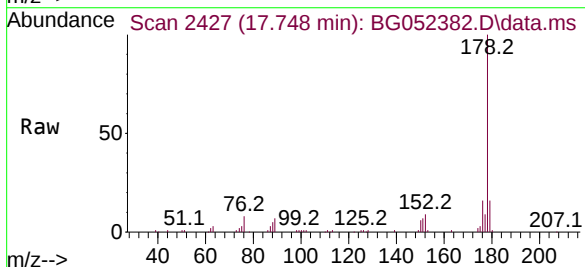
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

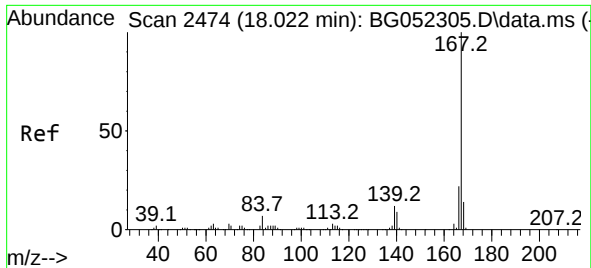
Tgt Ion:178 Resp: 75197
Ion Ratio Lower Upper
178 100
176 17.4 16.6 25.0
179 15.8 12.6 18.8



#72
Anthracene
Concen: 8.684 ng
RT: 17.748 min Scan# 2427
Delta R.T. -0.010 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:178 Resp: 73613
Ion Ratio Lower Upper
178 100
176 16.4 15.3 22.9
179 15.7 13.1 19.7

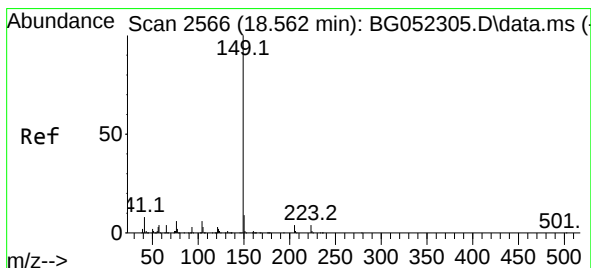
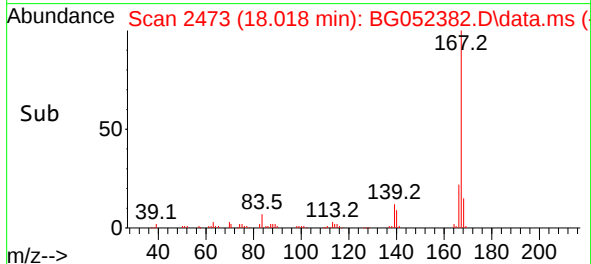
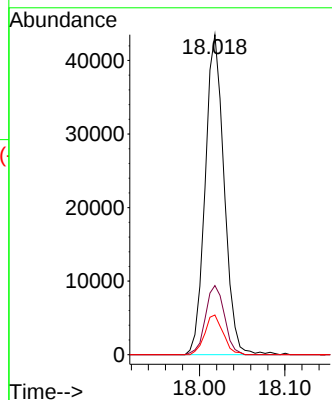
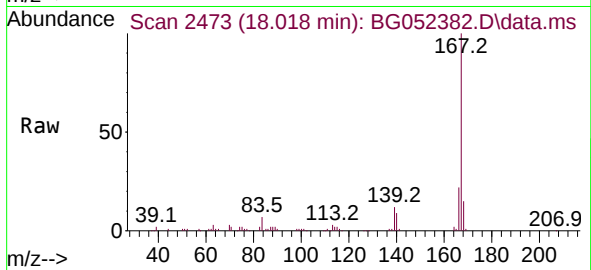




#73
Carbazole
Concen: 8.107 ng
RT: 18.018 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

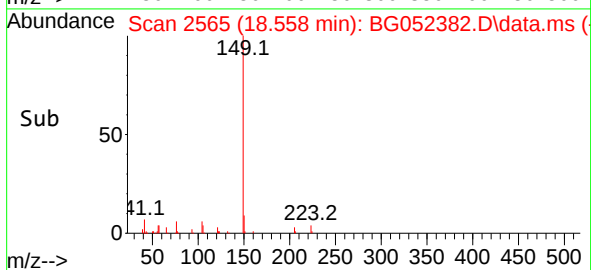
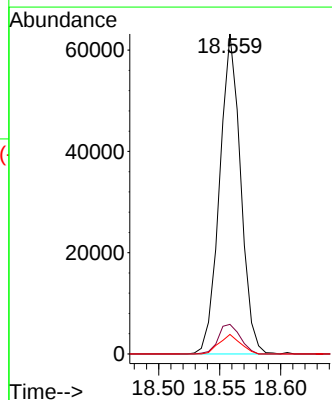
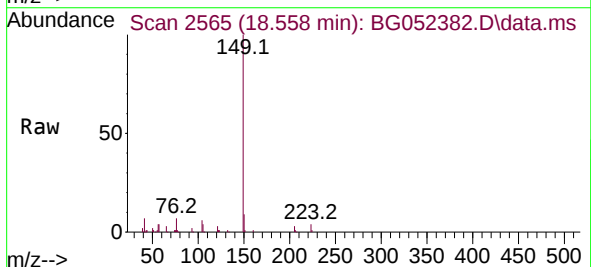
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

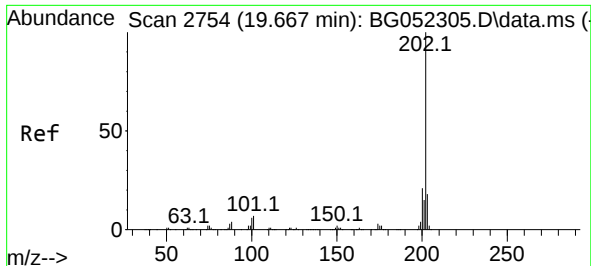
Tgt Ion:167 Resp: 67024
Ion Ratio Lower Upper
167 100
166 21.6 17.8 26.6
139 12.4 10.6 16.0



#74
Di-n-butylphthalate
Concen: 8.432 ng
RT: 18.558 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:149 Resp: 75955
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 6.1 5.4 8.2

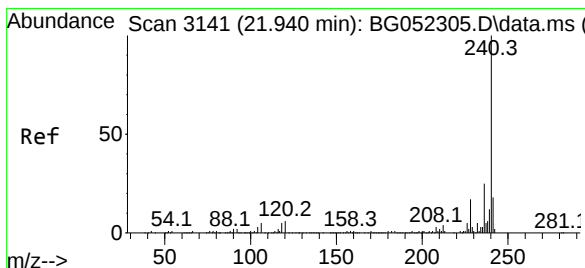
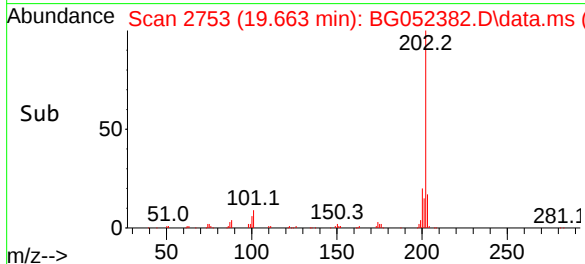
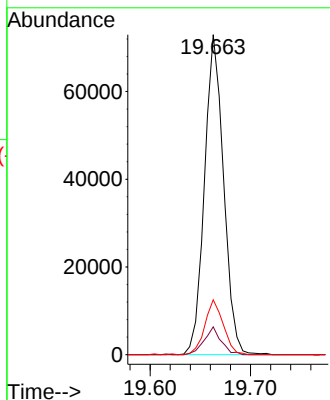
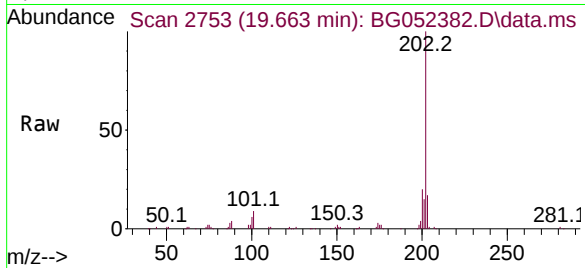




#75
Fluoranthene
Concen: 8.779 ng
RT: 19.663 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

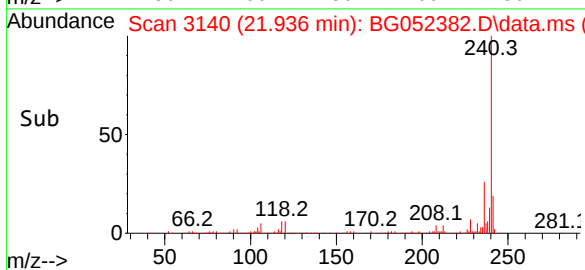
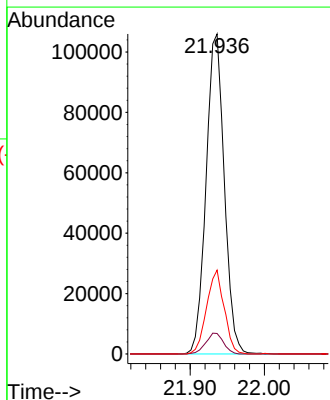
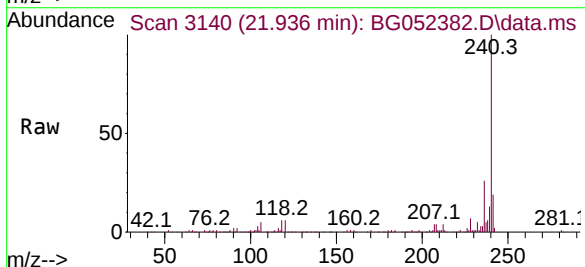
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

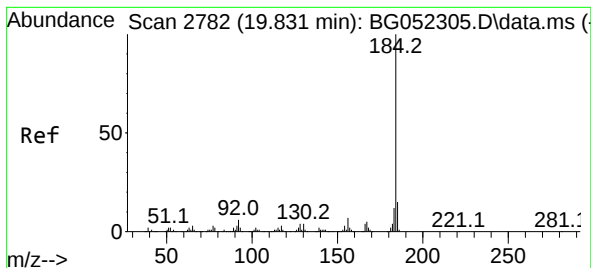
Tgt Ion:202 Resp: 96700
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.1
203 17.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:240 Resp: 180585
Ion Ratio Lower Upper
240 100
120 6.4 4.4 6.6
236 26.2 20.8 31.2





#77

Benzidine

Concen: 9.881 ng

RT: 19.833 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG052382.D

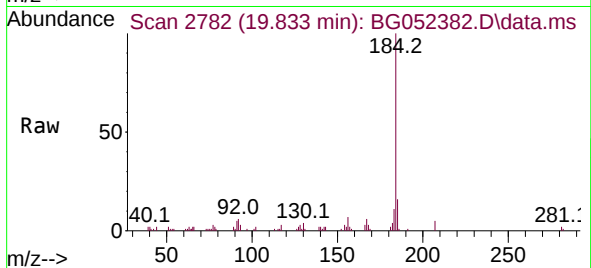
Acq: 14 Feb 2022 14:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2021



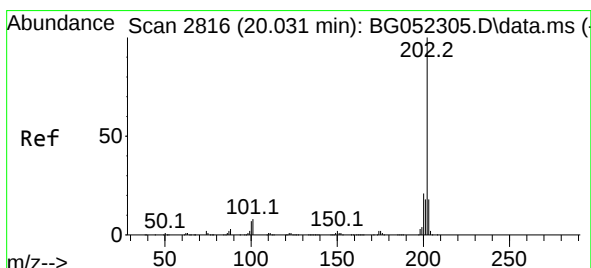
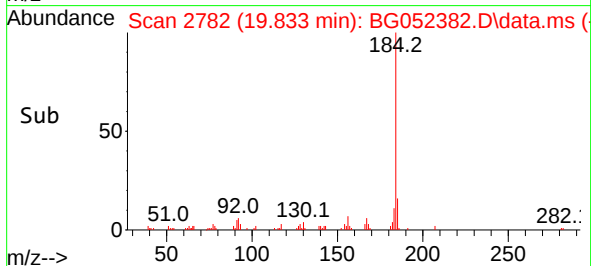
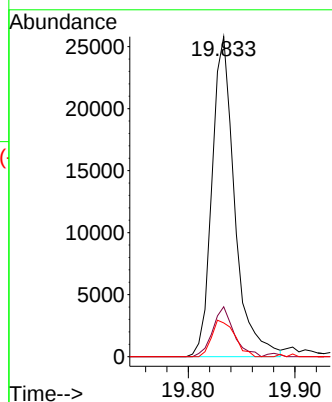
Tgt Ion:184 Resp: 38128

Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.8

183 10.5 9.8 14.6



#78

Pyrene

Concen: 8.491 ng

RT: 20.027 min Scan# 2815

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

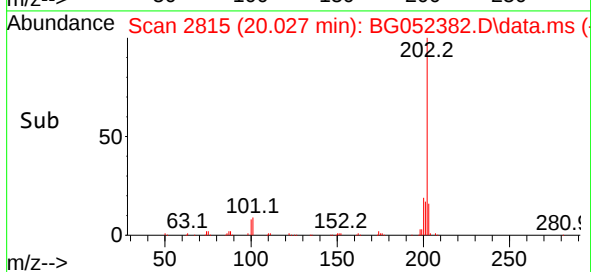
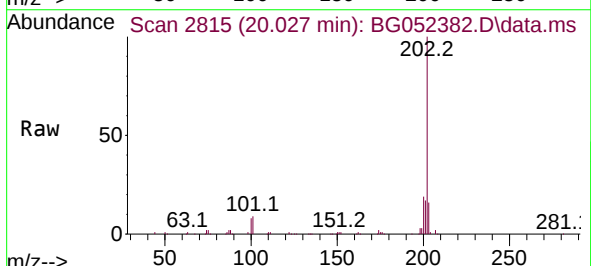
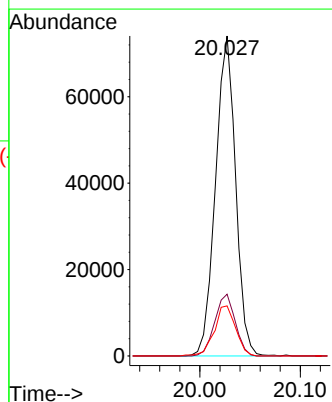
Tgt Ion:202 Resp: 102602

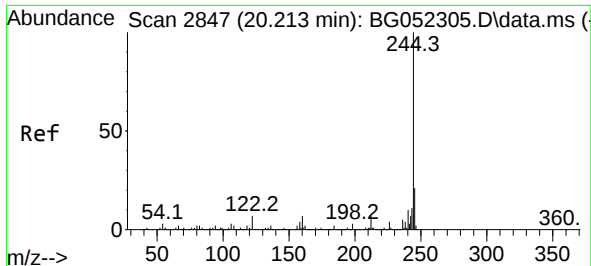
Ion Ratio Lower Upper

202 100

200 19.3 17.4 26.2

203 15.7 14.5 21.7

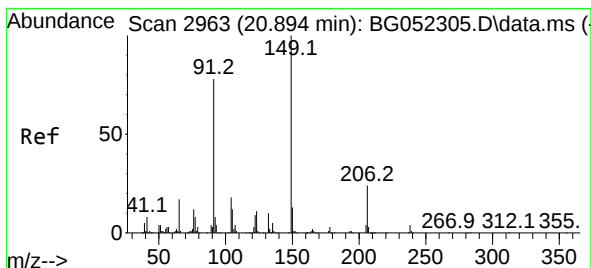
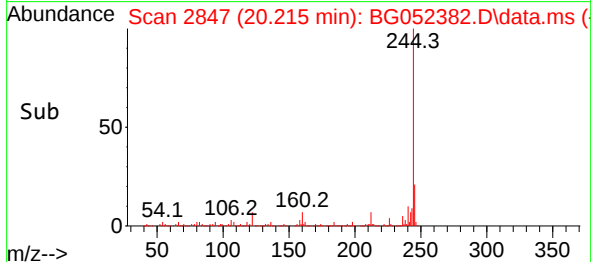
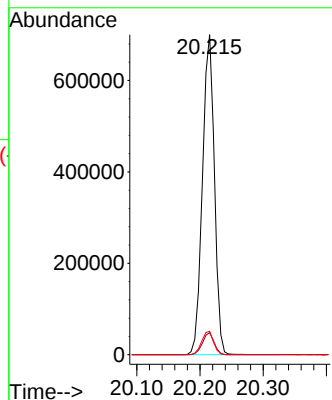
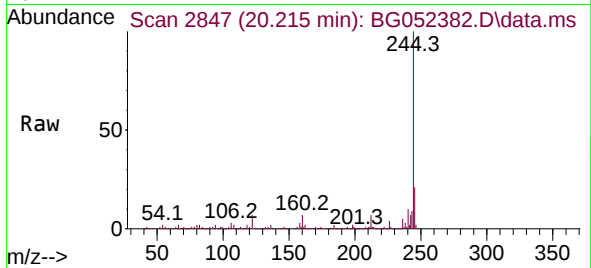




#79
 Terphenyl-d14
 Concen: 90.083 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG052382.D
 Acq: 14 Feb 2022 14:05

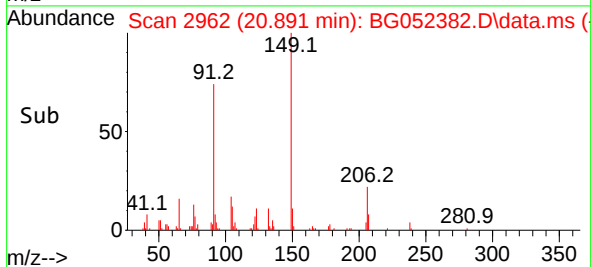
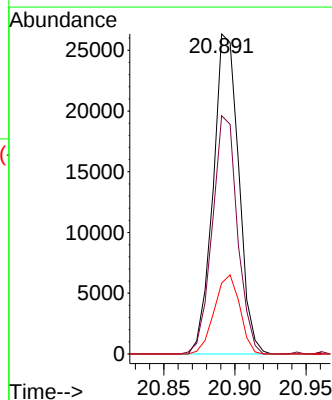
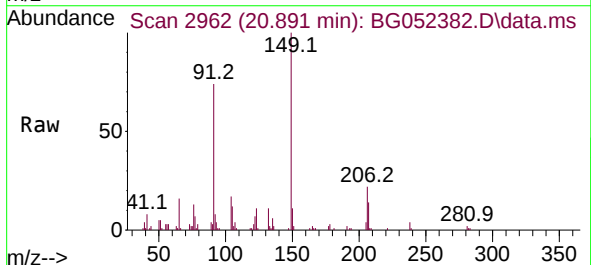
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

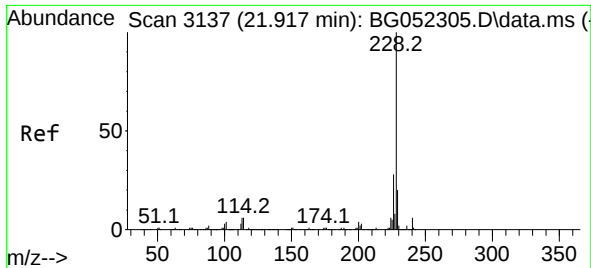
Tgt Ion:244 Resp: 921233
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 7.3 6.2 9.4



#80
 Butylbenzylphthalate
 Concen: 7.852 ng
 RT: 20.891 min Scan# 2962
 Delta R.T. -0.004 min
 Lab File: BG052382.D
 Acq: 14 Feb 2022 14:05

Tgt Ion:149 Resp: 32957
 Ion Ratio Lower Upper
 149 100
 91 74.5 64.0 96.0
 206 22.2 19.3 28.9

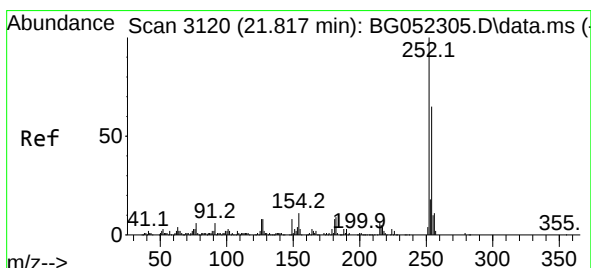
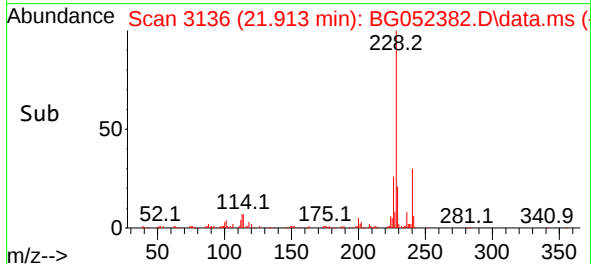
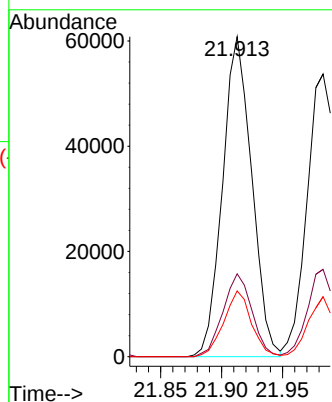
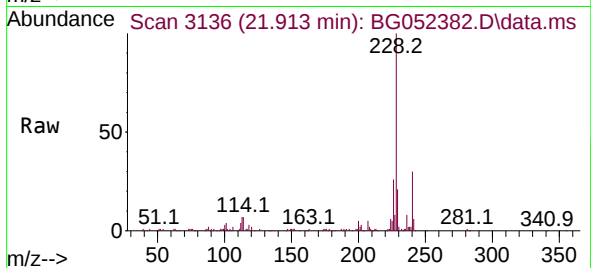




#81
Benzo(a)anthracene
Concen: 8.482 ng
RT: 21.913 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

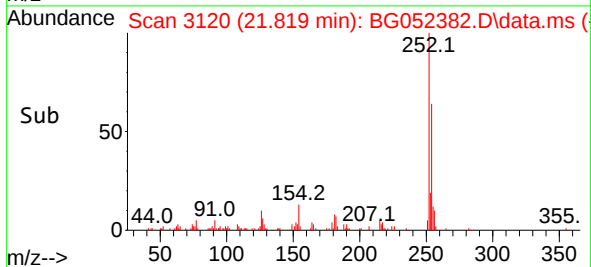
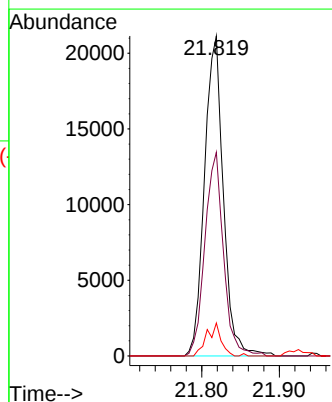
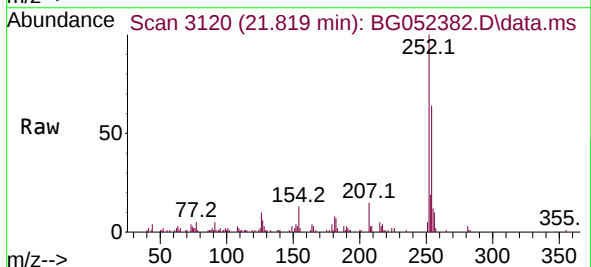
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

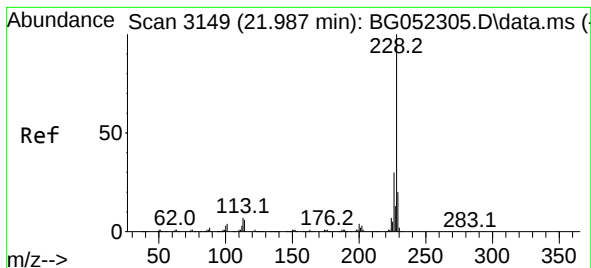
Tgt Ion:228 Resp: 101359
Ion Ratio Lower Upper
228 100
226 25.9 21.6 32.4
229 20.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 8.557 ng
RT: 21.819 min Scan# 3120
Delta R.T. 0.002 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:252 Resp: 35697
Ion Ratio Lower Upper
252 100
254 63.6 52.6 79.0
126 10.3 6.4 9.6#





#83

Chrysene

Concen: 8.154 ng

RT: 21.983 min Scan# 3149

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2021

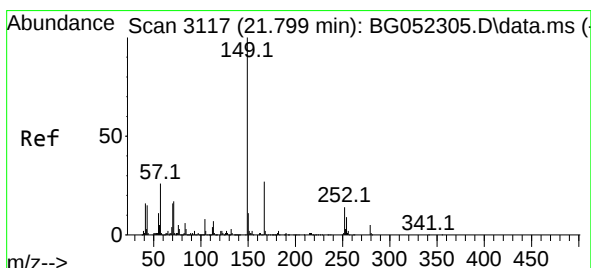
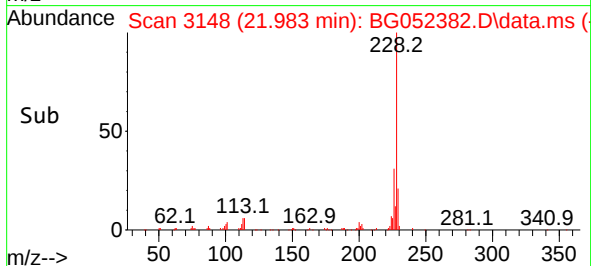
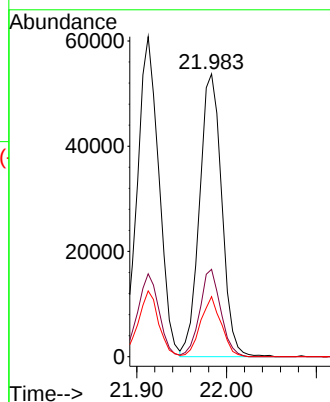
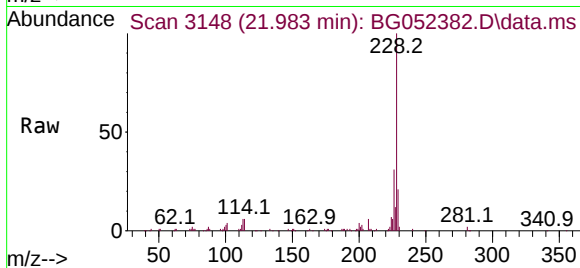
Tgt Ion:228 Resp: 92334

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

229 21.2 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.133 ng

RT: 21.789 min Scan# 3115

Delta R.T. -0.010 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

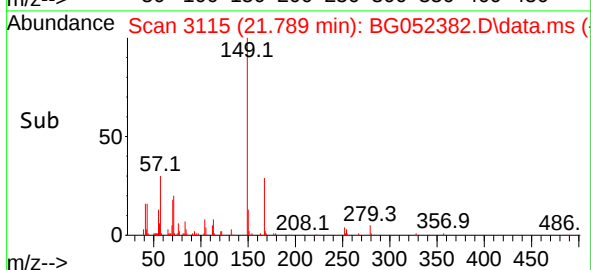
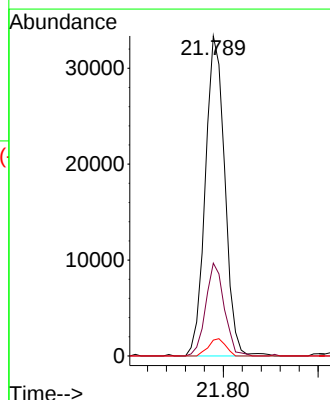
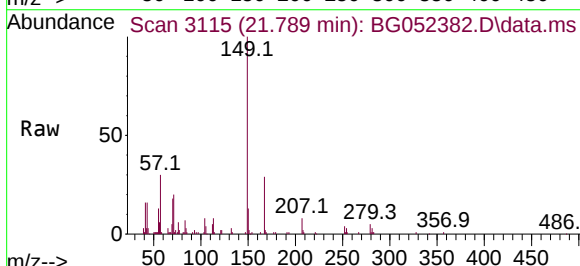
Tgt Ion:149 Resp: 47333

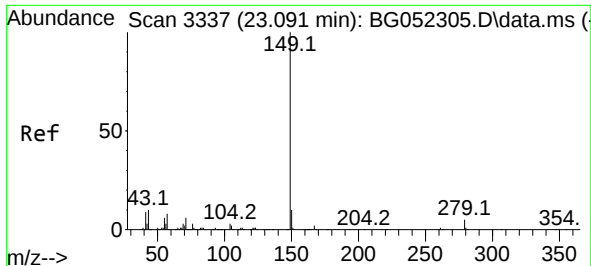
Ion Ratio Lower Upper

149 100

167 29.0 21.4 32.0

279 5.0 4.2 6.2

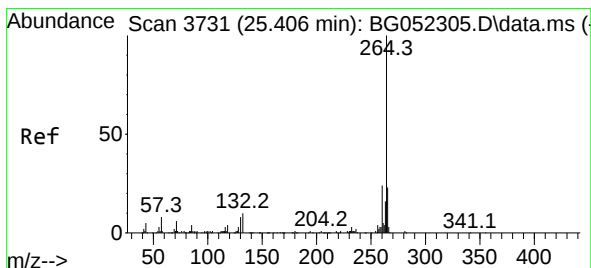
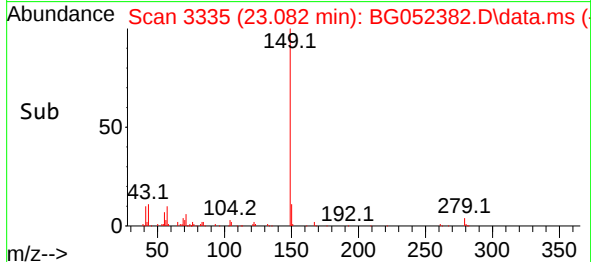
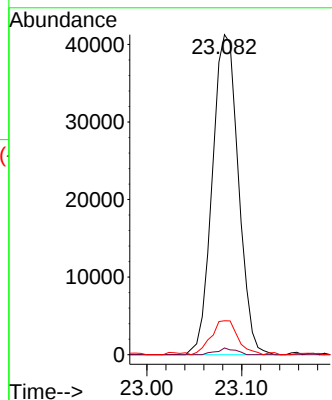
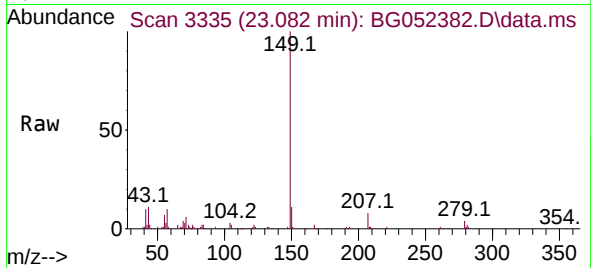




#85
Di-n-octyl phthalate
Concen: 8.082 ng
RT: 23.082 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

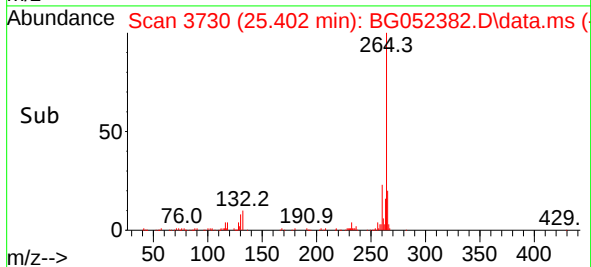
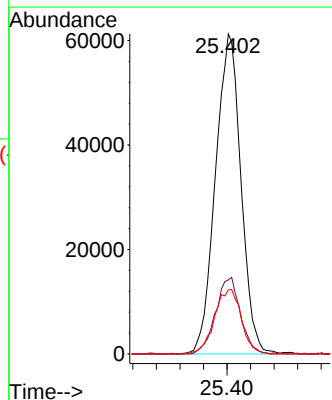
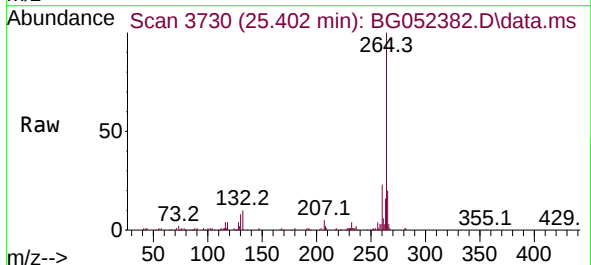
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

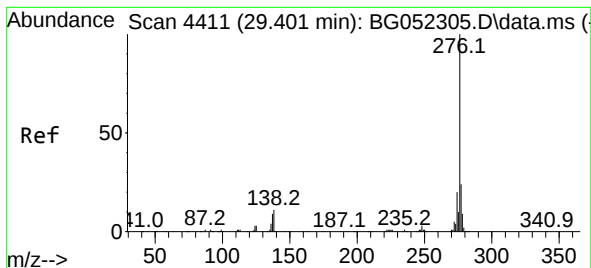
Tgt Ion:149 Resp: 78861
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 10.9 10.0 15.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.402 min Scan# 3730
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:264 Resp: 183961
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 20.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.832 ng

RT: 29.403 min Scan# 4411

Delta R.T. 0.002 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2021

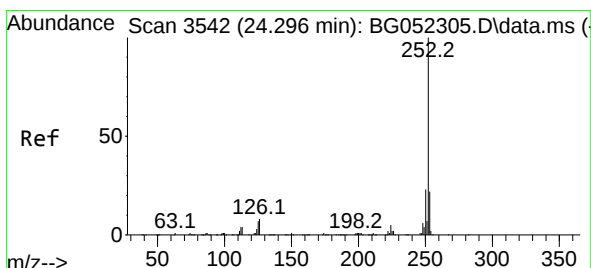
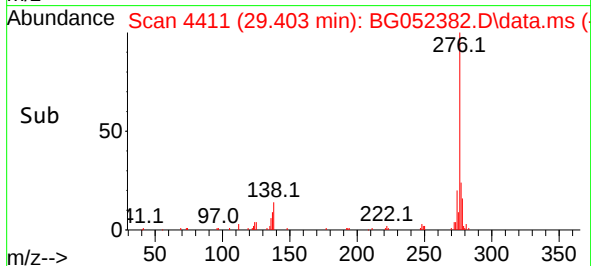
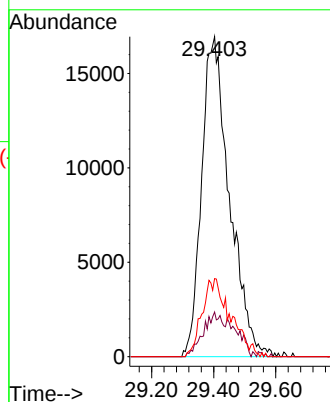
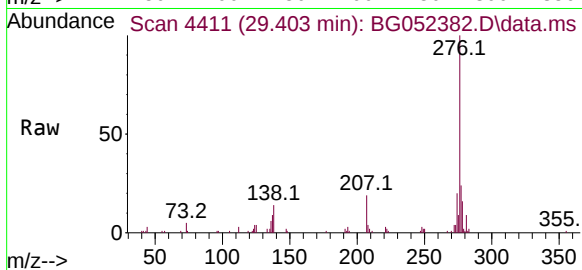
Tgt Ion:276 Resp: 105438

Ion Ratio Lower Upper

276 100

138 9.8 6.1 9.1#

277 9.9 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 8.504 ng

RT: 24.292 min Scan# 3541

Delta R.T. -0.004 min

Lab File: BG052382.D

Acq: 14 Feb 2022 14:05

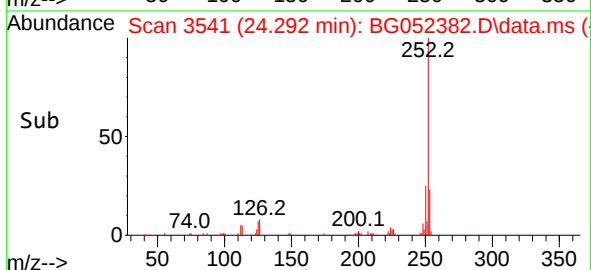
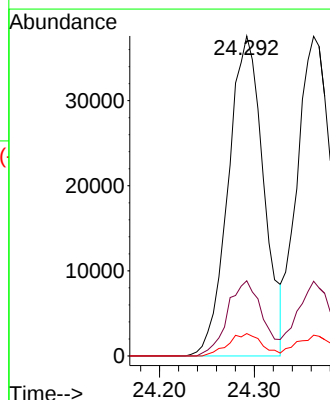
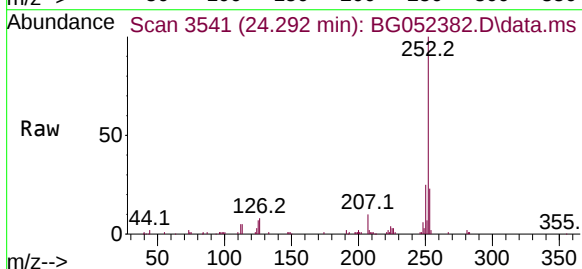
Tgt Ion:252 Resp: 97487

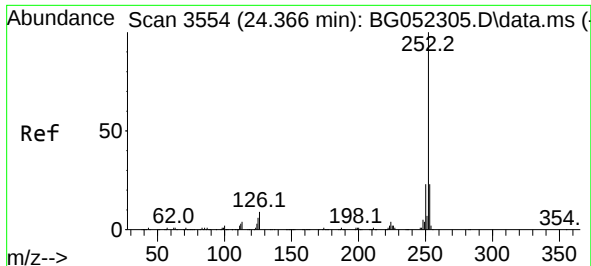
Ion Ratio Lower Upper

252 100

253 23.5 18.3 27.5

125 7.0 5.4 8.2

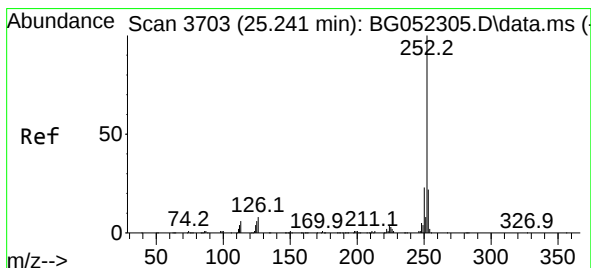
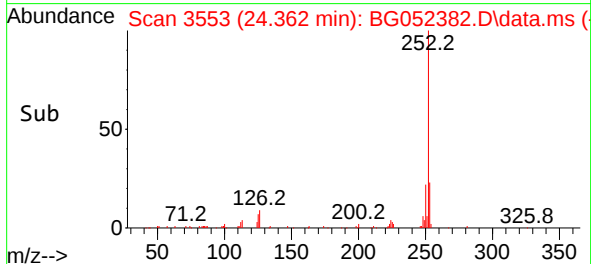
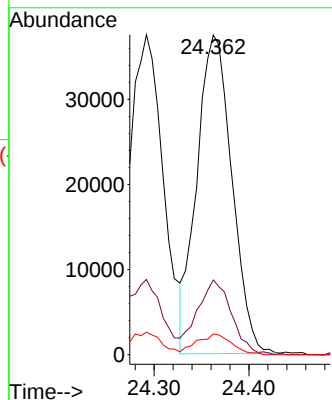
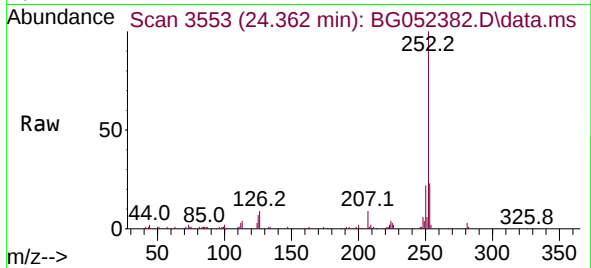




#89
Benzo(k)fluoranthene
Concen: 8.476 ng
RT: 24.362 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

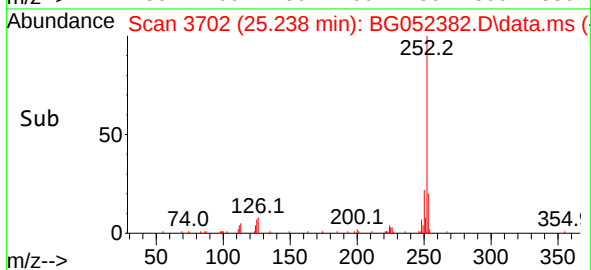
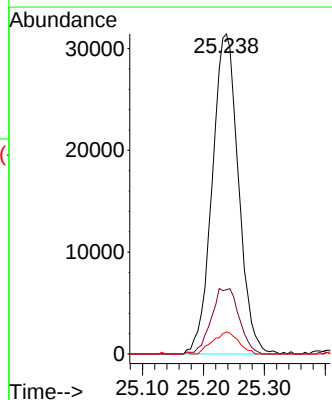
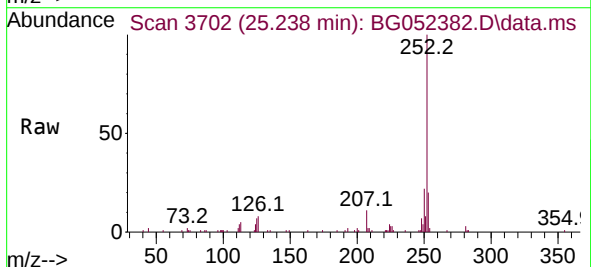
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2021

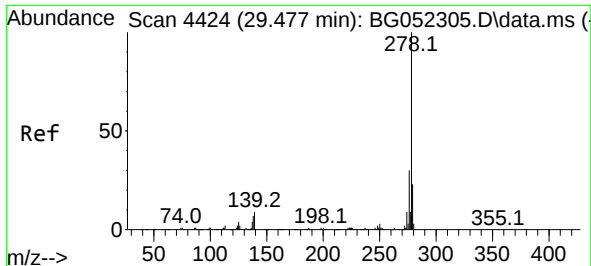
Tgt Ion:252 Resp: 95992
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 6.5 4.6 7.0



#90
Benzo(a)pyrene
Concen: 9.697 ng
RT: 25.238 min Scan# 3702
Delta R.T. -0.004 min
Lab File: BG052382.D
Acq: 14 Feb 2022 14:05

Tgt Ion:252 Resp: 93902
Ion Ratio Lower Upper
252 100
253 20.1 17.5 26.3
125 6.9 5.0 7.6

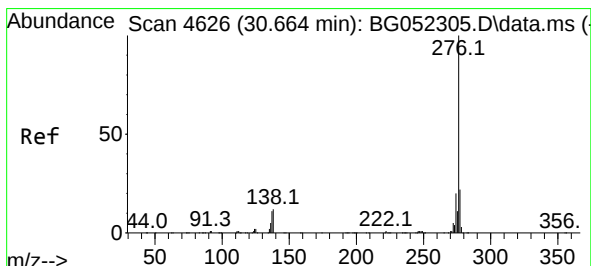
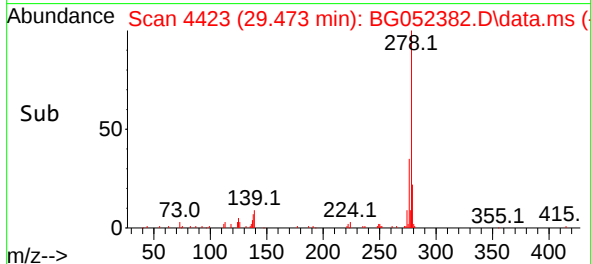
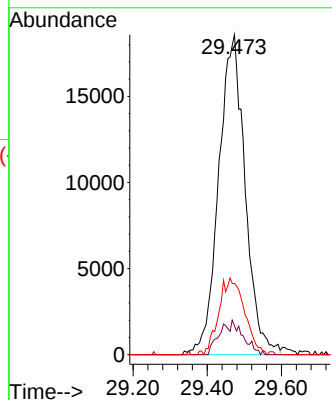
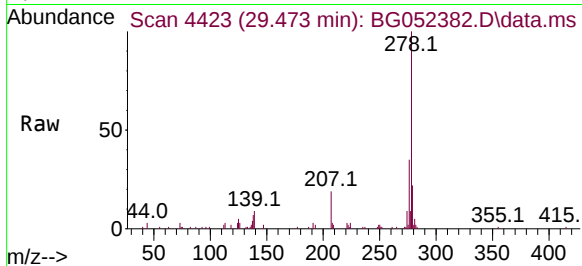




#91
 Dibenzo(a,h)anthracene
 Concen: 8.266 ng
 RT: 29.473 min Scan# 4424
 Delta R.T. -0.004 min
 Lab File: BG052382.D
 Acq: 14 Feb 2022 14:05

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Tgt Ion:278 Resp: 91918
 Ion Ratio Lower Upper
 278 100
 139 9.0 6.4 9.6
 279 22.3 20.1 30.1



#92
 Benzo(g,h,i)perylene
 Concen: 8.232 ng
 RT: 30.660 min Scan# 4625
 Delta R.T. -0.004 min
 Lab File: BG052382.D
 Acq: 14 Feb 2022 14:05

Tgt Ion:276 Resp: 89842
 Ion Ratio Lower Upper
 276 100
 277 22.0 18.2 27.2
 138 10.6 9.1 13.7

